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1904 CATALOGUE

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Wm. EWING & CO.

SEEDS
PLANTS & BULBS

142-146 McGILL ST

MONTREAL, QUE.

COR ST MAURICE & ST HENRY

Established 1869. **1904** Catalogues mailed free.

William Ewing & Co.'s Catalogue of Seeds

THIS IS THE THIRTY-FOURTH ISSUE of our *Illustrated Seed Catalogue*, and in presenting it take the opportunity of returning our sincere thanks for the yearly increasing trade with which we have been favoured by the leading farmers and gardeners of Canada, from the Atlantic to the Pacific. We solicit a continued and extended patronage, and respectfully ask our customers to recommend us to any of their friends whom they think may require anything in our line of business.

Special Efforts.—We are making special efforts this year to extend our *Retail Department*, and in order to meet this extension, which we confidently expect, we have so increased our facilities that we now have a *Retail Seed Store* that for extent, fixtures and appliances is second to none in the country.

Garden Seeds.—The past seed harvest has again been unfavourable, both in Europe and America, consequently seeds, as a rule, are again scarce and expensive. We therefore ask early orders, in case of our original importations running out. See pages 13 to 30 inclusive.

Flower Seeds.—Our assortment will be found as comprehensive as that of any house in the trade; while more varied and better selected than most. See pages 39 to 61 inclusive.

Farm Root Seeds.—In this class of seeds the harvest has been fair, consequently prices are reasonable, and quality all that can be desired. See pages 30 to 32 inclusive.

Grasses and Clovers.—Our aim is, and always has been, to supply only the very best qualities possible to be obtained, free of weeds and of strong germination. We have installed the most powerful and modern seed cleaning plant, without which no seedsman can serve the farmer right. *Ewing's Choice Recleaned Lower Canada Timothy* is known and wanted all over the Dominion by farmers who require the *best*, and are satisfied with nothing less. The seeds are large, bright, unhulled, plump and well ripened, free of noxious weeds, and will germinate from 93 to 99 seeds per 100. Pages 32 to 34. We shall be pleased to send samples and prices on application, and we ask every farmer who sees this to write for them. Remember that 50c. difference per bushel in price of timothy only means 12½c. per acre. Surely no one, therefore, will sow any but the best. We also offer choice qualities of the different kinds of clover—all carefully recleaned and unexcelled in purity and germination. The samples will speak for themselves and be more conclusive than anything we can say. See pages 32 to 35 inclusive.

Corn, Seed Grain and Forage Seeds.—Our trade in these classes show a heavy yearly increase, resulting, we presume, from the satisfactory way orders have been filled by us in the past. Our assortment will be found ahead of any offered in Canada. Please note that *Seed Corn* is a short crop. Order early, so that you will be sure to obtain the variety you want. See pages 35 to 38 inclusive.

Flowering Bulbs, Plants, Etc.—In these we offer everything necessary for the decoration of the garden, and also a good assortment of house plants, including also fruit trees and small fruits. Se pages 71 to 73 inclusive.

Incubator and Poultry Supply Department.—We find a rapidly increasing demand in this line, induced to a great extent by our being Canadian agents for *Cypher's Incubators* and their other manufactures, and which are acknowledged, on all hands, to be the best on the market. We guarantee the working of every Incubator we sell. See pages 91 to 92 inclusive.

Farm and Garden Tools, Lawn Mowers, Etc., and all **Garden and Greenhouse Sundries.**—We keep a heavy and varied stock of these, including *"Planet, Jr."* and *"Iron Age" Implements*, for which we are agents. They are the leading tools of the kind and have a world-wide reputation. See pages 81 to 88 to inclusive.

Spraying Appliances, Insecticides, Etc.—We are agents for the justly celebrated *Spramotor Spray Pump*, the best sprayer yet introduced. We carry a full line of Insecticides for Greenhouse and outside spraying, including *Bug Death*, a preparation that critical trials at the Ottawa Experimental Farm and Guelph Agricultural College have proved conclusively to be an antidote for Fungus or Blight on potatoes and that it kills the bugs as well.

How to Order.—When ordering, be careful to *write your name and address legibly*, and say how you want Seeds forwarded, whether by POST, EXPRESS, RAIL, FREIGHT or BOAT, and besides your post-office address, give the name of the station or wharf to which the goods are to be sent. Orders from unknown correspondents must either be accompanied by cash or satisfactory reference. We prepay mail orders as stated in Catalogue. For orders shipped by Rail, Boat or Express, prices are f.o.b. Montreal, unless otherwise arranged. (Write plainly how you wish order to be sent.)

Cash should always accompany orders from unknown correspondents; we do not like to send goods C.O.D.

When to Order.—We would respectfully urge our Customers to make out a list of their wants for the coming season, *as soon after the receipt of this Catalogue as convenient*. By so doing, our work will be made much easier, and orders will be executed and despatched more promptly.

Seeds not Priced.—Such as Clover, Timothy, etc., are subject to market changes in prices, and upon which we cannot give standing prices. We shall be pleased to quote prices on any such Seeds when desired, such quotations being always for immediate acceptance.

Seed Cleaning.—We are the only Seedsmen in the Province of Quebec who have made a specialty of this very important matter, and, after expending a great deal of time and money, we are now possessors of the most modern seed-cleaning appliances, and can turn out first-class samples of *TIMOTHY, CLOVER* and *SEED GRAIN* at moderate prices. We trust our numerous farming friends will appreciate our efforts in this respect, by giving us their patronage.

As to Guarantee.—As is the custom in the seed trade, we give no warranty of our Seeds, expressed or implied, nor will we accept responsibility in any way for the crop, nor how they will turn out. All seeds purchased from us must be accepted on these terms, or immediately returned.

Order Sheets and addressed Envelopes are enclosed in every Catalogue, and Customers are respectfully requested to make use of them when sending their orders. A supply of Order Sheets and Envelopes can be had on application.

MARKET GARDENERS.—Using large quantities of seed will please send for our SPECIAL MARKET GARDENERS PRICE LIST.

CITY CUSTOMERS—Not finding it convenient to visit our warehouse can depend on their post or telephone orders being promptly and carefully attended to. We deliver Seeds, etc., free to any part of the City and Westmount.

HEAD GARDENERS AND FARM OVERSEERS.—We keep a list of practical Gardeners and Farmers whom we will be happy to recommend to customers in want of such help.

The Weather during the past harvest time both in Europe and America was very unfavourable for the saving of seeds, consequently there is a great shortage in many, specially in Cucumber, Radish, Beans, Peas, Corn, etc., and though we think we have secured sufficient stocks, still we request early orders in case of our running out of some varieties later in the season.

WILLIAM EWING & CO.,

Wholesale and Retail Departments and Office at 142-146 McGILL STREET, and Warehouse Corner ST. MAURICE and ST. HENRY STS. P.O. Box 376.

MONTREAL

Telephone, Main 184

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The following list of "Novelties and Specialties" comprises the most important recent introductions, as well as many specialties to which we wish to draw particular attention. In regard to "Novelties," or new varieties of well known flowers or vegetables, though *all* may not be pre-eminently worthy, yet every year sees very many introductions that are so strikingly novel that all who take a particular interest in such matters, and sow some of these new things, will have the gratification of being able to show something out of the common, and thus be well repaid for their trouble and expense.

Pkt. cts

ANTIRRHINUM, Tom Thumb, "Sunlight" Golden Leaved—About 6 inches in height and the same in diameter; Dense foliage of canary yellow. Blooms are rosy white, spotted and striped with carmine.... 25

AQUILEGIA, Long Spurred Double Flowering Hybrids—New. The graceful blooms are formed of several rows of cornucopia like petals, in different shades of yellow, light and dark blue and white and all of the long spurred type. Both flowers and foliage are exquisite. A grand acquisition 50

AQUILEGIA, Stuartii—A first-class acquisition. Profuse bloomer, azure blue, with white corolla and golden anthers.. 25

ARDISIA, Crenulata—One of the most valuable and handsomest berry-bearing plants, and particularly popular as a Christmas plant. Produces drooping clusters of small coral-red fruits, which often hang on for a whole year. Sweet scented.. 20

ASTER, Count Waldersee—New. An entirely distinct form of Aster. Plant forms a compact round bush of 10 inches in height completely covered with blooms (sometimes 200 on one plant), an inch in diameter, of delicate rose, edged with white 20

ASTER COMET, Empress Frederick—New. This superb Aster bears very large flowers, 4 to 5 inches across, of perfect Comet shape and of the purest white. Strong, thick-set habit and unsurpassed for pot culture.. 20

ASTER, Fancy Canary Yellow—Blooms measure up to 5 inch. across, the white ray petals being curled and twisted, while the disc florets are quilled and of a deep yellow. Grand for cutting.. 20

ASTER, Mount Royal Park—Tall. Semi-Dwarf and Dwarf varieties, separately or in mixed colors.. 10
A choice mixture of all the very best standard and newly introduced varieties, and which we offer in three different heights, separately. We do not think it possible that a better assortment can be offered, and we strongly recommend it.

CANDYTUFT, Dobbie's New White Spiral—Flowering spikes are fully 6 inches long and two in diameter, closely set with pure white blooms. Flowers all summer and has a distinct and telling appearance.. 10

CANNA, Variegata—Flowers are of brilliant scarlet, while the leaves are light green, splashed and lined with red and yellow, and margined with crimson, which color appears throughout their whole surface. 25

CAMPANULA, Mirabilis—A new Canterbury Bell. Plants form densely branched pyramidal bushes about 2 feet high, each branch bearing a multitude of pale blue or lilac flowers, at least a hundred blossoms being open at one time, 2 feet.. 20

CAMPANULA, Elegans—A pretty Perennial of vigorous growth, plants from 2 to 2 1-2 feet in height. Sends out many branches, each of which bear long spikes of large bell-shaped drooping flowers, the color is a beautiful purplish blue.. 20

Pkt. cts.

CELOSIA, Spicata (Argentea Linearis)—A new annual of pyramidal growth. The main stem (2½ feet high) bears 20 to 30 side shoots each crowned by a flower spike 3 inches long, of bright rose changing later to silvery white.. 30

CELOSIA, Thompsoni Magnifica—The finest feathered cockscomb yet introduced. Flowers are of all colors from yellow to the deepest blood red. A splendid decorative plant either in pots or open ground.. 25

CINERARIA, Ewing's Prize Strain—There is no better strain, and we confidently recommend it to all who desire something extra in this fine decorative plant. 50

CINERARIA, Stella (Star Cineraria)—Plants are of graceful habit bearing small flowers in loose panicles. A most valuable plant for Greenhouse decoration, 2 to 3 feet.. 50

Cyclamen Persicum, Papillo of Butterfly. Page 6.

Pkt. cts.

CHRYSANTHEMUM, Balsamita—New. Grows about 8 inches high and should be planted that distance apart. Makes a charming white bed and keeps a long time in flower.. 25

CHRYSANTHEMUM, (Leucanthemum) or Shasta Daisy—Introduced from California. Extraordinary large, pure white and perfect flowers, and bound to become one of the most popular hardy perennials.. 25

CHRYSANTHEMUM, "Golden Wheel."—New. Flowers assume a peculiar form, the quill-shaped ray florets standing out all round like the spokes of a wheel. Color, a rich golden yellow with purple centre. A profuse bloomer and valuable for cutting. 25

CYCLAMEN, Persicum Papilio or Butterfly—Per packet of 10 Seeds.. .. .. $1.00
A new variety of Cyclamen, very showy and colors are varied and striking and the flowers large and beautifully fringed and crimped at the edges.

CYCLAMEN, Ewing's Excelsior Strain.. 75
This strain has been established by years of continued selection of the very finest varieties. Produces blooms in extraordinary abundance, of great size, and most striking colors. Please note, though, that to produce the best, knowledge and constant care are necessary. A single plant has produced 300 blooms.

DELPHINIUM, Speciosum Glabratum.. 25
This hardy species was discovered in the Himalaya Mountains. Plant forms a bush 9 to 10 inches high, from which rise spikes of bloom 2 to 3 feet in length, covered with large dark blue shaded flowers, 1½ inches in diameter.

DIANTHUS, Plumarius Nanus Double—A new race of dwarf sweet scented pinks, two weeks earlier than any other. About 1 foot high, great variety, of colors, with high percentage of doubles. A nice pot plant.. 25

EREMURUS, Himalaicus—A grand perennial growing 6 feet high with creamy white blooms on spikes often 2 feet long. Requires protection in winter.. 25

EREMURUS, Robustus—Of the same habit of growth as preceding, but with flesh colored flowers.. 25

GAILLARDIA, Grandiflora Foliis Aurea Variegata—This new variety differs only from the well-known large flowered perennial Gaillardia in its beautiful golden variegated foliage.. 20

Gazania Hybrida. "Blondine."

Pkt. cts.

GAILLARDIA, Grandiflora Semi-Plena—New. A grand new hardy Gaillardia. Grows about 2 feet high, with long wiry flower stalks, crowned with giant blooms measuring nearly 4 inches across. The ray florets are often placed in two or three rows above each other, hence its name of semi-double. Colors range from light to golden yellow, in many cases tinged with claret color, with which the maroon red of the disc florets forms a brilliant contrast.. 20

GAZANIA, Hybrida "Blondine"—The Gazania is a charming bedding plant that should be far oftener seen. Bright chamois and dark orange at base of petals, with white or pale yellow spots.... 25

GAZANIA, "Bianca"—At first flowers are sulphur yellow, gradually changing to white and at the base there are slight purple spots.. 25

GLAUCIUM, Flavum Tricolor—New. Hardy Horned Poppy, a native of Asia, growing about 2 feet high. A free flowerer and keeps long in bloom. The leaves are grey-green, and the large flowers are brilliant orange, spotted with black and yellow.. 25

HELENIUM, Autumnale Superbum—New. Produces a single stem which sends out from the top numerous branches each bearing clusters of pure golden yellow flowers, producing a most ornamental effect 30

HUNNEMANNIA, Fumariaefolia—An exquisitely showy plant of the Poppy family. Its blooms are sulphur-yellow, and the leaves pointed and graceful. Keeps long in bloom.. 15

INCARVILLEA, Delavayi—A grand hardy perennial with large Gloxinia-like blooms ranging from rose to carmine with golden yellow throat and graceful foliage. Equally valuable for the Greenhouse or outdoor culture, 2 feet.. 25

INULA, Glandulosa Laciniata—New. A new hardy perennial growing 2 to 3 feet. Has three rows of ray petals, which are fringed almost up to the disc. Changing shades of orange to golden-yellow and blooms in June.. 50

ISATIS, Glauca—Another new hardy perennial. growing 3 feet high, and a native of Asia Minor, leaves are beautiful green, with distinct white central rib. The innumerable small bright yellow flowers are borne in large loose racemes, producing a grand effect in June and July. Is a most effective and imposing plant, either in groups or single specimens.. 30

LIGULARIA, Macrophylla—A hardy perennial of noble growth with massive leaves. The immense heads of yellow bloom are borne on long terminal spikes. A most effective plant in any position, 4 feet.. 25

LOBELIA, Fulgens Cardinalis Nanseniana.. 25
A new hardy perennial. Is of strong though dwarf growth, with a profusion of brilliant crimson-purple flowers, contrasting well with the dark foliage.

AFRICAN MARIGOLD, Dobbie's Prize Strain.. .. 15

FRENCH MARIGOLD, Dobbie's Prize Strain—Per packet.. 15
This eminent firm spares neither trouble nor expense in order to produce the best strains in Marigold known in commerce, and their Marigolds are universally acknowledged to be such.

MIGNONETTE, Dobbie's Giant—A robust growing variety, spikes measuring from 14 to 18 inches in length. 20

MIGNONETTE, Bismark—Forms dense bushes covered with thick flower heads of remarkable size, and deliciously scented.. 20

NASTURTIUM, "Queen of Tom Thumbs"—Has beautiful silvery variegated foliage and produces an abundance of bright crimson flowers. Very dwarf .. 25

ŒNOTHERA, Youngi—Is a pretty dwarf perennial. Flowers are of brilliant golden yellow, and contrast finely with the rich dark foliage.. 30

Pkt. cts.

PANSY, Ewing's Prize Strain.. 50
Comprises all the very best strains of FANCY AND SHOW PANSIES, selected from the leading growers of Europe and America, so that in ONE PACKET will be found examples of all the best classes and styles of Pansies, of all shades of colors and markings, with blooms of great size and substance.

PANSY, Prince Henry—New. An extremely robust growing variety with flowers often 3½ in. across. Brilliant dark indigo with velvety lustre, each petal having a large black-brown veined blotch and the edges are slightly waved.. 50

PETUNIA, New Giant Double—An entirely new class of Petunia. Though the flowers are gigantic in size they are produced in great numbers, and comprise all the beautiful shades of color hitherto known among Double Petunias. Per pkt. of 50 Seeds.. 75

PHLOX Drummondii, Cuspidata Albo-Marginatis—A new dwarf variety with brilliant rose-colored blooms and silvery foliage.. 25

PHLOX Drummondii, Nana Compacta Radiata—New. Petals unite in the form of a small five-pointed Star. Plants are very dwarf forming miniature bushes literally covered with carmine-red blooms with two white stripes on each petal. A charming and unique novelty.. 25

PHLOX, Drummondi, New Silver-Leaved (Star or Cuspidata)—Leaves are edged with pure white. Plants grow 1 foot high, and the flowers, some of which have toothed edges and some fringed, are rose and carmine in color, thus forming a delightful contrast to the variegated foliage.. 25

PRIMULA, Arctotis Hybrida—Of very compact growth, blooming freely in early spring, and of all shades of color. A beautiful hardy plant.. 30

Pkt. cts.

PRIMULA, Sinensis Fimbriata Ewing's Prize Strain.. 50
This strain has been saved from the largest flowered and strongest growing plants of the very best named sorts, and showing the finest fringed blooms as well as the most striking colors.

PRIMULA, Sinensis Fimbriata "Reve d'Or," or Golden Dream—Bears boldly fringed flowers of a rich yellow color assuming a paler shade towards the edges. The foliage is light green, finely lacintated and slightly crisped.. .. .. $1.00

PYRETHRUM, Roseum Hybridum Grandiflorum—A grand strain of this fine hardy perennial, producing blooms 3 inches in diameter, and includes all the beautiful colors, ranging from richest carmine to delicate light rose.. 30

RUDBECKIA, Bicolor Superba Semi Plena—A splendid semi double variety with neat yellow flowers spotted with brown.. 25

SCABIOSA, Caucasica Perfecta—A fine showy, hardy perennial, the handsome flowers bearing 3 to 4 rows of finely fringed ray florets, the colors being various shades of Lilac.. 30

SIDALCEA, Listeri—Is one of the finest border plants. Of a delicate satiny pink—with blooms borne on long branching stalks, and flowering profusely throughout the whole season. The spikes, when cut, stand well in water, making it most useful for decoration. 30

STATICE, Sinensis—Flower stalks are about 18 inches high and the flower panicles are pure white alternated with yellow. Invaluable for cutting, as the flowers are equally useful fresh or dried.. 15

VERBASCUM, Spirale—A newly discovered hardy perennial of great beauty. It is peculiar in habit, producing numerous symmetrical branching spikes from 6 to 8 inches long, growing out from the main spike, in Candelabra form. Blooms are salver-shaped, pale yellow with downy violet filaments, and placed closely on the stems. Keeps a long time in bloom.. 25

BEET, Bonsecours Market—One of the best halflong varieties in cultivation, neat shape, uniformly smooth and good color and flavor. Is a very heavy cropper and a great favorite with market gardeners and we strongly recommend it. lb. 90c.; ¼ lb. 35c.; oz. 15c... 5

BEET, Martin's Exhibition Long Black—Long tapering roots of the deepest black colour, to be found in any Beet. A fine Exhibition variety. oz. 20c... 10

BEET, Dobbie's New Purple—For form, smoothness, color and quality this sort is unequalled.. 15

BORECOLE or KALE, Dobbie's Victoria.. 15
Grows from 20 to 24 inches high and produces medium sized leaves that are exquisitely crisp and curled. Sprouts freely after the heads have been cut and these sprouts are delicious when cooked as spinage.

BRUSSELS SPROUTS, Dobbie's Selected.. 10
Has been carefully grown and selected for years, and as an Exhibition variety, or for general crop, cannot be surpassed.

CABBAGE, Bamberg Earliest—This new Cabbage is earliest of all. It forms large and uncommonly firm heads of a light green color, which, when cooked, are tender and of good flavor. Will probably soon take the leading place among the Early Cabbages .. 15

CABBAGE, Cannon Ball Danish, Extra Selected Stock—Heads are nearly round in shape, and in every way it is a distinct variety of fall or winter Cabbage. There is no variety that approaches it in solidity. It is saleable very shortly after the Henderson's summer, and is equally good for storing, as it is a splendid keeper. A head of it will weigh 50 per cent. more than one of similar size of Fottler's. Every plant produces a head. Every market gardener should grow in. lb. $2.50; ¼ lb. 75c.; oz. 25c.. .. 5

CELERY, Dobbie's Invincible White—Tall growing sort, very crisp, solid and well-flavored, and not liable to run to seed. A fine Exhibition variety.. .. 15

CELERY, Dobbie's Selected Red—In every way it resembles the preceding except in color.. 15

See page 93 for Vegetable Plants.

Pkt. cts.

PEAS, Sutton's Perfection Morrowfat—Per lb.. 30
Of strong branching habit, so it requires ample space between rows. Peas are deep green, and unsurpassed for size and flavor. Second early, 3 feet.

PEAS, Sutton's Matchless Morrowlat—An Exhibition Pea of superb quality; slightly curved pods, with 10 to 12 peas in each. Second early, 3 to 4 feet. Per lb.. 30

PEAS, Cooper's Prince Edward—Withstands both drought and mildew well. Pods are from 5 to 7 in. long, mostly in pairs and closely packed, with 11 to 13 dark green peas of most mellow flavor, 5 feet. Per lb. 30
Please note that these varieties of English Peas are all of delicious flavor and extra large.

PEPPER, Lucullus—Highly decorative. Grows 12 inches high, with one vigorous stem, producing a profusion of upright fruits, forming a dense bouquet from which no leaves appear. Fruits dark red and orange.. 10

PEPPER, Japanese Cluster—Produces its long scarlet fruit in clusters, and in the greatest abundance.. 10

CAULIFLOWER EWING'S SELECTED DWARF EARLY ERFURT—Very early; pure white large flower. Forces well and is also the favorite for outdoor culture. We have obtained our supplies from the same celebrated grower for many years past, and we know no strain excels it for purity, compactness of growth or certainty of heading. Oz. $2.50: ½ oz. $1.40; pkt.. 25

CAULIFLOWER, Queen of the Danes Erfurt—Last season this new sort turned out to be fine, either when forced or grown in the open. It is large, early and the heads are pure white and very solid. oz. $2.50; ½ oz. $1.40.. 25

CORN, Holmes' New Premo—A new Sugar Corn combining all the merits of the best early varieties, but far superior to them all in size, quality and yield. Stalks grow about 5 feet high, generally bearing two well-developed ears to a stalk, and measuring from 1 to 2 inches longer than Corey. C. S. Clarke, the great Ohio corn grower, says: "it is the *earliest corn I ever saw or grew.*" Under favorable circumstances will be ready for market in 60 days from planting. lb. 20c.

LEEK, Dobbie's Champion—Large and perfect in form and the blanched part is always of the purest white, very solid, and never ribbed. Has won first prize at all International Shows of Europe.. 20

LETTUCE, White Giant Cabbage, New.... 10
Though of enormous size the heads are extremely tender and succulent and of the finest flavor. The leaves are light green, changing to yellow towards the centre, and it hearts up very evenly.

MELON, Montreal Improved Nutmeg—Sorry we cannot offer this year on account of it being practically impossible to save melon seed here last year.

MELON, Bujukdere—Round, smooth, light yellow skin, with green spots or stripes. Flesh snow white, thick. and juicy and of finest flavor.. 10

ONION, Ailsa Craig—A remarkably large variety of pale straw color. Splendid Exhibition sort, twelve bulbs have weighed as much as 30 lbs... 10

ONION, Dobbie's Golden Globe—The introducers say that it is the finest Exhibition Onion ever offered by them. Skin is a golden straw color, the bulb large and globular in shape, and with very small neck.. .. 10

PARSLEY, Dwarf Perfection—Exquisitely curled and of bright green color. Makes handsome pot plants.. 10

PARSNIP, Dobbie's Selected—Its size, smoothness and solidity has caused it to be recognized as the best Exhibition variety.. 15

PEAS, Sutton's A 1—Early wrinkled Pea, growing from 3 to 4 feet, the haulm being literally covered from top to bottom with handsome pods of peas of the true marrowfat flavor. Per lb.. 30

Potatoes

We beg to call the attention of all interested to the following new varieties of Early Poatoes. They are not selections out of common sorts, but are selections made from Potatoes produced by sowing seed direct from the seed balls, and thus *are really new kinds*, healthy and of strong growth. Neither the identical tubers we offer nor those that produced them have had either Paris Green or Arsenic in any shape or form applied to the Vines. It is well known that such poisons weaken the growth, so that farmers should not neglect the opportunity of securing some of these new sorts to supply Seed Potatoes for the coming season. *It will pay them.*

EARLY JOHNSON—The best quality and largest yielder of any early pink sort. Oblong in shape and thicker at one end than the other. 1 lb. 25c post paid, or per peck 75; bush. $2.25; barrel $5.50 in store.

WHITE ALBINO—Yields more than any other early white variety. Oblong and of equal diameter at both ends. 1 lb. 25c. post-paid, or per peck 75c.; bush. $2.25; barrel $5.50 in store.

NOTE.—Will not ship till danger of frost is past.

RADISH, Danish Olive Shaped Forcing—New. The earliest forcing variety. Bulbs are of a brilliant rosy-carmine colour with a well defined white tip. We are assured this is a valuable introduction.. 10

RADISH, Crimson Giant Forcing Turnip—An entirely new type of Radish, the roots growing twice the size of any other forcing variety, without getting pithy or hollow—developes roots often 6 to 7 inches in circumference and weighing an ounce. Flesh is pure white, firm and crisp. It varies a little in form, some roots being round, others inclining to oval, but all of a deep crimson color. Every one should try it.... .. 10

TOMATO, Ever-bearing—A great bearer. Fruit is scarlet, plum-shaped, and produced in clusters (often 50 in one cluster). Is not large, but solid and of fine flavor. Is very early, and keeps on bearing until frost comes.. 10

TOMATO, Spark's Earliana—Remarkably early, large size and handsome shape, solid, bright red color, and none excel it in productiveness.. 10

TURNIP, Dobbie's Selected Model White—Perfectly globular in form and smooth, of remarkably fine quality, and the earliest of all varieties. A sure prize winner.. 10

TURNIP, Dobbie's Selected Golden Ball—In form it is identical with Model White, but it is of the deepest golden yellow, and the skin smooth as a glove.. .. 10

CULTURAL DIRECTIONS, Vegetables.

We have thought it advisable to include in our Seed Catalogue a few hints or suggestions on cultivation. These remarks are necessarily brief, and are only **intended for amateurs**, and should they be of benefit to any of our customers we shall be pleased. To grow vegetables successfully the proper treatment of the soil is of paramount importance, and if the soil is not suitable, it should be made so, as far as possible. If it be **really wet** or waterlogged, it should be underdrained, but this is not always possible in small gardens; however, where deep cultivation is practiced from year to year, underdraining is not absolutely essential. A fairly heavy loam is the best soil for vegetables, but by judicious treatment, almost any kind, that is not too wet and of fair depth will return satisfactory results, but shallow ground can only be improved and rendered useful by drawing soil on it, and using plenty of manure.

The top soil must be rich, and whether it be decided to trench or drain, the manuring must always receive first attention, but at the same time the state of the subsoil has much to do with the growing of crops. If the subsoil be too porous, something must be done not only to enrich it, but help to retain moisture as well; or if the subsoil is cold, hard clay, it should be loosened up and enriched and made more porous. **Gravelly soil** or where the subsoil is gravelly, or a poor sand can be improved by what is called "bastard" trenching, which is a very simple operation. Open a trench 2 feet wide by a foot or more in depth, across the end of the ground intended to be trenched, and remove the earth taken out to the opposite end of the plot being operated on (the soil thus removed being used at the finish to fill up the last trench). Dig the bottom of the trench thus made (a full spading deep) giving it a heavy coating of cow dung and a quantity of good clay to be thoroughly mixed with the dung in digging; this will be very beneficial in holding moisture. The top soil of the next two feet should be turned over, filling up the trench made, thus leaving another trench open two feet wide, which treat the same way and fill in with the next two feet of top soil, and carry on the same system till the plot is finished.

Heavy Clay soil can be improved by the same method of trenching, but when digging the bottom of the trench, strawy stable manure, leaves, sand, gravel, lime or anything that will tend to render the subsoil less impervious to water should be used. If this method is pursued for a year or two a gravel pit on the one hand, or clay soil underlaid by hard pan as impervious to water as cement is, can be converted into fairly fertile soil.

Thorough Trenching, that is completely reversing the soil, putting the top soil in the bottom and a spading of subsoil on top, is of great advantage to gardens whose subsoil is neither wet nor barren, and have been long under cultivation, and annually treated to a heavy manuring. It makes new soil as it were, and with such soil as referred to, should it not be convenient to trench it, and especially if it be of a stiffish nature, it will be found beneficial to withhold manure for a season, and, instead, spreading broadcast phosphate of some kind, and lime, at the rate of 400 or 500 lbs; per acre. This will sweeten the ground and liberate certain fertilizing elements that will greatly promote the growth of plants. In general gardening, however, and in all conditions of soil, careful digging (in the fall of the year), that is, driving in the spade to its full length, lifting the soil intact, and by a quick twist of the wrist, turning the spadeful completely upside down, is imperatively necessary. Then in the spring of the year, lightly fork over (mixing in some well rotted manure) and rake before sowing seed or planting; these operations always being performed when the ground is dry. Heavy land should, if possible, have Horse Manure, and light, free soil, Cow Manure. New manure may be used in the fall, bbut in spring it should be well rotted, and not deeply dug in.

Weeds.—In small gardens these pests can only be got rid of by constant attention. Never allow a weed to go to seed; keep the Dutch Hoe going between the rows, and very little time need be expended in hand weeding in the rows, but both operations must be constantly attended to. Perennial weeds, such as couch grass, etc., can be exterminated, if every blade is cut off whenever it makes its appearance, for any plant will die if the leaf is never allowed to grow.

Really good digging and careful cultivation, at the right time, with half the quantity of mature generally used, will produce better results than when proper cultivation is not given. We may cheat one another, but the soil we cannot cheat—if we work it right it will respond satisfactorilly, and if we don't, it won't; so we hope our customers will all bear this in mind.

Sowing.—Never sow seeds when the ground is wet for the necessary firming of the soil around the seeds is apt to make the surface so hard that small seeds can only with difficulty rise through, and planting should always be done before rain, rather than immediately after it.

Surface Cultivation must be frequent, not necessarily deep, but enough to break up and keep the crust of the soil perfectly free and friable, and this must be specially attended to a couple of days or so after heavy rains. Following will be found a few cultural hints, which we hope will be of some advantage to those entirely unacquainted with gardening, or who have paid but little attention to their garden in the past.

Beans.—To secure a succession of Dwarf Beans, make successive sowings from May till middle of July, in rows 1 1-2 to 2 feet apart, covering the Beans 3 inches. Thin out to from 4 to 6 inches, and slightly earth up. Commence picking when pods are going, and the plants will thus continue producing for quite a time. Make sowings of Pole Beans about same time as the dwarf varieties, in rows 6 to 10 feet apart, leaving 6 to 9 inches between plants. Stake when plants are well above ground, and when rows are 10 feet apart, some dwarf growing vegetable can be sown between. In "hills" drive in poles 4 feet apart planting 4 or 5 beans round each, tying to poles as beans grow. Can also be trained on fences or other erections that would be improved in appearance by being covered with foliage.

Beet.—Make drills 1 inch deep, and from 1 to 1 1-2 feet between, and sow early in spring. As plants grow, thin out to from 4 to 6 inches, according to size of variety, keeping in mind that medium sized, good-colored roots are best. Too rich soil and too much space, produce large, coarse roots. Never use manure in spring. The thinnings make the best of Spinage.

Cabbage, Savoy, Cauliflower, Brussels Sprouts and Kale.—Plants of these are generally bought by amateurs, so will omit directions as to raising from seed. To grow to perfection, the soil should be heavily manured, well cultivated during period or growth and must never be allowed to suffer for want of water, if such is obtainable. Plant in rows about 2 feet apart and from 12 to 18 inches between plants, according to size of variety.

Carrot.—Use nothing but well-decayed manure, applied the previous autumn, when the ground should have been deeply dug. Sow early in drills about 1-2 inch deep and 9 to 12 inches apart, thinning out from 2 to 3 inches for early Carrots. As they become large enough to use, continue the thinning, until plants are 6 to 7 inches apart. In heavy clay, long varieties can be successfully grown for Exhibition by making holes a foot deep with a crowbar or a piece of wood, pointed, and the holes filled up with a compost of rich earth and sand, and a few seeds sown on top.

Celery.—For early use, seed should be sown in a box in the house, early in March, and, when plants are fit to handle, transplanted into other boxes, 2 or 3 inches apart. In May again transplant into a well-prepared bed outside, 5 or 6 inches between plants, where they can stand till wanted to plant out in trenches in June. To avoid the trouble, amateurs can always buy what plants they want at planting-out time. To

have early Celery, it should be grown in trenches. Dig out a trench (throwing the earth to either side equally) say one foot deep, and one foot wide is enough for a single row—if for a double row, it should be 1 1-2 to 2 feet wide. Dig into the bottom of the trench a good supply of well-rotted manure and rake smooth. Dibble in the plants 6 to 8 inches apart either in single or double rows, giving a slight dressing or nitrate of soda. As plants grow, fill in the earth from the sides to blanch the stems, being careful that none gets into the heart of the plants. Continue earthing up till well on in September. When wanted to be stored in a cellar for use through the winter, it need not be blanched, but grown in beds 4 feet wide, the rows 1 foot apart, and 8 inches between plants. Water copiously during dry weather.

Cucumber.—Can be easily raised in the open ground, and, when only a few are required, had better be grown in hills, 5 feet apart. Make a trench about 18 inches deep and 3 feet in diameter, and fill up with horse dung, tramping same down firmly, and then cover over with 9 inches of rich, light soil, so that over the manure the ground is slightly raised, and in a few days sow 4 or 5 seeds on each "hill," ultimately leaving the three strongest plants. It is very important that the plants should suffer no check from sowing to fruiting, hence watering must be carefully attended to.

Leek.—To have very large leeks, seed should be sown in the house or in a hot-bed in March, and, so soon as ground is ready in spring, transplant into a well-prepared bed two inches apart; but they succeed very well by sowing in the open, very thinly, as soon as the frost is out of the ground. About the beginning of June make a trench about 18 inches wide and 12 deep, into the bottom of which carefully dig in a good quantity of well-rotted dung, and dibble in the plants in rows 4 to 6 inches apart, and anyway 4 inches from the outer edges of the trench. Plant deep, but do not cover the centre leaves, make a little ditch along the edges of the trench so as plants can be thoroughly watered without wetting the leaves. Liquid manure can be used with great advantage. Fill the trench level as plants grow and earth up as for Celery.

Lettuce.—Make a succession of sowings in the open ground beginning in May, at intervals of 2 weeks or so, in drills 1 foot apart, and leave plants 9 inches apart, or seed can be sown in a small bed and transplanted into rows, when 3 inches high. The first sowing can be made in a box in the house and planted out in May. To grow good Lettuce, soil should be light and rich, and plants never allowed to flag, so attend to watering. A light application of Nitrate of Soda increases the size of the heads and helps them to form early.

Melon.—The Musk Melon requires somewhat similar treatment to Cucumber, in the open air, but as a rule, does not succeed so well with amateurs. Seeds can be sown in March in the house, in a 6 inch pot—or the plants can be bought when planting time comes, which is generally about the 1st of June. After planting in hills, prepared as for Cucumber, plants should be covered with glass—a double window will do on a box same size as window. Should get air through the day, but should always be closed in the evening to retain the heat gained during the day, and watering must not be neglected. When the vines fill the frame, it should be lifted on to bricks, and, about July, the frame can be removed altogether.

Mushrooms.—Can be successfully grown at any season in either shed or cellar, where a temperature of 45 to 55 degrees can be maintained and providing the place be dry. Procure the quantity necessary of fresh horse droppings, as free from straw as possible, and moist with urine if it can be got that way. Turn this over, say 3 or 4 times in a week, covering the heap to prevent washing with rain or drying out with the sun. To this then add a fourth of its bulk of nice light loamy soil, mixing all carefully together. The bed should be made 4 feet wide and whatever length is required. Put twelve inches or so in the bottom of the bed of rough manure tramped down, and on top of this 4 to 6 inches of the prepared manure, when the temperature has declined to 130, the latter being put on in layers and pressed down firmly and smoothly. Then put planks on edge to form a box round the bed and nail firmly together and cover all over with clean hay or straw.

When the bed thus made registers 90 to 95 degrees, a few inches below the surface, then break a brick of spawn into 12 pieces, and place these pieces 1 1-2 inches deep and 8 inches apart. When temperature of bed reaches 85 degrees remove the straw and cover the whole surface over with two inches of fine sifted loam beating it down firmly and smoothly, then put on the covering again. **Watering** is of the greatest importance. If the dung was moist when bed was made watering will likely not be necessary till after spawning, but look over the bed weekly and give a thorough watering, with water at a temperature of 95 degrees, when necessary going over the bed twice, using a fine spray. Be sure that at the end of six weeks, if the bed shows any signs of drying out, to water thoroughly then, because by watering when the bed is bearing, the small mushrooms are liable to damp off. When first crop is gathered, procure some dry cow manure and mix thoroughly with a little fine soil, covering the bed over with half an inch of the compost, beating it smooth, and give a good watering then. Mushrooms should always be picked; not cut.

Onion.—Seed should be sown as soon as the ground is fit in early spring, in shallow drills, 9 inches apart. Previous to making the drills, the ground should be firmly trodden down, and after sowing raked smooth, and the drills beaten down with the back of the spade. Thin out carefully as the plants grow to 6 inches apart, leaving only the strongest plants, when large bulbs are wanted, but a heavy crop of fair sized firm bulbs can be had by leaving the plants 3 inches apart. Pickling onions should be thinned but very slightly, and in every case onions should be pulled and left on the ground to dry whenever the stalks die down, otherwise they are likely to start a second growth if the weather be moist. A rich sandy loam is most suitable, but a good crop on clay ground can be obtained by planting onion setts, or by sowing seed in March in the house, and planting out in drills in May, and on suitable soils this latter method will produce bulbs as large as imported Spanish onions.

Parsnip and Salsify require much the same treatment Sow early in spring in deeply dug or trenched ground, that has been enriched the previous fall, in drills 18 inches apart, thinning out to 6 or 8 inches. In heavy clay soil that is wet and sticky in early spring, and that later is likely to get very hard, we have found it a good plan to sow seed in the fall, so late that there is no chance of the seed germinating. In this way it starts very early, when the spring growth is in the ground, and there is a certainty of the roots attaining a good size by digging time, in the late fall. Always leave a portion of the crop of Parsnip and Salsify in the ground over winter, as both are quite hardy, and will improve both in size and quality by spring time, but both should be lifted whenever frost is out of the ground. For exhibition purposes it is a good plan to make a line of holes, 1 to 1 1-2 feet deep, with a pointed picket, filling these with a rich sandy compost, then sow a few seeds on top of each, and you will have extraordinary large smooth roots. Salsify need not be thinned out more than 6 inches.

Peas.—Light dry ground suits the Pea best, especially for early crop, but fair results can be obtained with proper cultivation, on almost any kind of soil. The dwarf sorts can be grown, in single rows, like bush Beans, but the taller sorts require staking, and should be sown in double rows (8 inches between) from 4 to 6 feet apart, and Spinage can be grown between. Cover not less than 4 inches so as the better to withstand drought, and plants should be thinned to say 1 inch. Sow three sorts, early, medium and late, at the same time so as to secure a succession in crop, and this can also be obtained by sowing any of the early varieties every ten days, and for small gardens the dwarf sorts are preferable.

Potato.—It is not worth while growing Potatoes in small gardens unless they can be had early, and a maximum crop produced. To obtain these advantages, the earliest and best cropping varieties must be used, and planted in rich, fairly free soil, and thorough cultivation given till the ground is covered with vines, and it is also necessary to have the potatoes sprouted before planting. To sprout potatoes, place the required quantity of sound, medium sized tubers on end in a warm light room, for from 4 to 6 weeks, and by that time strong vigorous shoots will have started, and a day before,

planting cut the potatoes, so that there will be one or two shoots in each set. The ground, which should have been deeply dug and heavily manured the previous autumn, should again be careful dug over and trenches made 5 or 6 inches deep and 2 1-2 feet apart. If the subsoil is anyway hard the **bottom** of the trenches should be dug smoothly, and if a dressing of Thomas Phosphate Powder or similar artificial manure be used when digging the bottom of the trenches, so much the better. A thin layer of straw, if easily obtainable, may then be laid along the trench and the sets placed in a row 1 foot apart and then covered with about 2 inches of soil. As they appear above ground give light dressing of Nitrate of Soda broadcast over the plot and cover gradually as the leaves appear, till the ground is level. No earthing up is necessary, only carefully dig the ground between the rows and frequently rake the soil to prevent it crusting and keep it entirely free from weeds, is all that is necessary to produce a full crop of smooth, sound potatoes. By this treatment you can get the finest tubers on even the stiffest clay soil. Dust with Paris Green and Plaster, or Bugdeath, whenever the Potato Bugs appear, watching for their first appearance closely, as the neglect of even one day will surely diminish the crop. See page for **Bug Death.**

Radish.—Make first sowing (keeping in mind the requirements of the family as regards space) the moment frost is out of the ground, in rich soil, in rows 8 or 9 inches apart, and to have a succession sow a little seed every 8 days, up to September. Cover the seed about 1 inch, and commence using when small, else the bulbs will grow too large and stringy, so that watering must be regularly attended to during dry weather. To have juicy, crisp Radishes, they must be grown quickly.

Tomato.—Sow early in spring in a hotbed or in a shallow box, which place in a window of the house. When 2 or 3 inches high transplant into handy sized boxes 4 or 5 inches deep and 4 inches between plants, using free rich soil. These boxes may be put outside when weather is warm, but taken in at night in case of frost, or the transplanting may be done in 3 inch pots shifting into 4 inch, as plants grow. In cases where seed was sown in a hotbed, of course, the transplanting will be done into another. When all danger from frost is past, plant out 3 to 4 feet apart (shading from the sun for a day or two) and place 5 feet stakes firmly in the ground, at each plant, to which they should be tied as they grow up. Keep pinching out the side shoots as they appear, to allow all the strength to pass into the fruit on the main stem. Tomatoes can be grown very well alongside of any wall or fence by keeping the main shoots as above directed, and attaching to the wall or fence by small staples. Good crops can also be obtained by planting at the distances named and leaving the plants to take care of themselves, but earlier and better fruit, and more of it, will be obtained by using stakes. Always grow Tomatoes in the sunniest spot you have in the garden. We offer transplanted plants for sale.

Points in Fruit Growing

Land should be rich and well cultivated previous to planting, but fruit trees will not succeed where the subsoil is a cold or wet clay. Cultivate and grow crops between trees for 6 or 8 years, and after this the land should, as a rule, be kept under cultivation (but not deep) regularly, until fruit is well formed. In August sow Clover or other cover crop and turn down the succeeding spring, and frequently cultivate between then and August, then sow clover again. Should a continuance of this treatment produce too strong growth, cut and remove the hay for one, or perhaps two years. Carefully prune every spring, paying special attention to the upper branches. Good clean fruit cannot be produced without spraying the trees. See formula **Bordeaux Mixture** and **Bug Death,** on page 80.

Directions for Making a Hotbed.

In Eastern Canada about the middle of March is quite early enough to make a hotbed, and even a little later will do well enough. The time should vary according to the latitude. Provide a quantity of fresh horse-manure with as little straw in it as possible, and add to this, if they can be had, one-third of its bulk of leaves. Mix them thoroughly, tramping down the mass in successive layers, and form into a large pile, so that fermentation will proceed, even in severely cold weather. In two or three days fermentation will be apparent by the escape of steam from the heap. Now turn again, and allow the heap to remain two or three days longer, or until the second fermentation commences. Make an excavation or pit 2 1-2 feet deep, in a dry place, and where surface water will not come, and of a size suited to the number of plants required. It is not absolutely necessary to dig a pit, as a hotbed can be made on the surface, but still, as amateurs will generally have their hotbeds in the same spot from year to year, a pit is preferable in their case. It should be made in some dry, sheltered spot, facing the south or east, if possible. Hotbed sashes are usually 6 x 3 feet, and one or two sashes will generally give early plants enough for a small family. The frame for sashes should be 18 inches high at the back and 12 inches in front, which will give the proper slope to catch the sunlight and shed the water. Cross-pieces should be placed for the sashes to slide on, to facilitate opening and shutting the frames. When everything is ready, the manure is placed in the pit or on the surface of the ground as the case may be and trodden down firmly in layers to the required depth of 2 1-2 feet. Then put on the sashes, and keep the bed closed until the heat rises. At first it will probably be 100 degrees or more, which is too hot to sow seed in; but in two or three days it will be subside to 90 degrees or a little less, when the soil may be put on to the depth of 6 to 8 inches. The heat may be readily ascertained by plunging a thermomether in the manure. The soil should be well-rotted sandy sod (or common sandy garden soil will do), mixed with about a third of fine, old manure, and in this the seeds may be sown thinly in drills 2 to 3 inches apart and afterwards (as soon as out of the seed-leaf) either thinned out or transplanted. Air must be given every mild day by raising the sashes at the back, closing again at night. Water with tepid water whenever necessary, and during cold nights keep covered with mats or boards, or both. Tomato, Pepper and tender seeds generally should be sown earlier than Cabbage, Cauliflower or Lettuce as they require more heat than the latter. Melons and Cucumbers should be sown in 5 inch pots, 6 to 8 seeds in a pot, thinned or transplanted 3 in a pot when they show three leaves. Flower Seeds may be sown in cigar or other similar boxes and plunged in the bed, transplanting at the proper time, either into larger boxes, or into the hotbed earth, should there have been space made by the planting out of vegetables. The same directions apply to hotbeds made on the surface of the ground, except that the manure should be at least a foot wider on all sides than the frame.

EWING'S VEGETABLE COLLECTIONS

Assorted to suit different sized gardens. Seeds of best qualities and full sized packets. Note the great reduction from Catalogue prices. Send *cash with order* and we mail *post-paid*. No trouble making selection and you get your spring supply of seeds as easily as if you had a seed store at your door. It is both pleasant and profitable to grow your own vegetables. No changes nor substitutions can be made, the varieties are exactly as printed in Catalogue. Anything additional required, order from Catalogue at stated prices. Amounts sent for collections cannot be allowed for or included under special discount offer.

For Collections of Flower Seeds See page 40.

Collection A $1.00

Contains 32 pkts, 1 each of

Beans, Wax.
Beet, Eclipse.
Beet, Bonsecours Market.
Cabbage, Early Express.
Cabbage, Fottlers.
Carrot, Danvers.
Carrot, Chantenay.
Celery, White Plume.
Celery, White Paschal.
Corn, Crosby's Sugar.
Corn, Evergreen Sugar.
Cress, Curled.
Cucumber, White Spine.
Lettuce, Nonpareil.
Lettuce, Early Curled Simpson.
Melon, Montreal Market.
Onion, Yellow Danvers.
Onion, Red Wethersfield.
Parsnip, Cooper's Champion.
Parsley, Moss Curled.
Peas, McLean's Little Gem.
Peas, Horsfords Market Garden.
Radish, Extra Early Red Turnip.
Radish, Early Scarlet Turnip, white Tipped.
Salsify, Mammoth Sandwich Island.
Squash, Summer Crookneck.
Squash, Hubbard.
Tomato, Atlantic.
Turnip, Laing's Swede.
Turnip, White Strap Leaf.
Sage.
Summer Savory.

Collection B 50 cts.

Contains 15 pkts, 1 each of

Beans, Wax.
Beet, Bonsecours Market.
Cucumber, White Spine.
Cabbage, Henderson's Summer.
Celery, White Plume.
Carrot, Chantenay.
Lettuce, Nonpareil.
Onion, Red Wethersfield.
Parsnip, Cooper's Champion.
Parsley, Covent Garden.
Peas, Little Gem.
Radish, Early Red Turnip.
Squash, Hubbard.
Tomato, Atlantic.
Sage.

Collection C 25 cts.

Contains 7 pkts. 1 each of

Beet, Long Blood.
Carrot, Chantenay.
Lettuce, Early Curled Simpson.
Onion, Red Wethersfield.
Parsnip, Cooper's Champion.
Parsley, Moss Curled.
Radish, Non Plus Ultra.

Collection D $1.00

Contains the Following

Beans, Wax, ½ lb.
Beet, Bonsecours Market, 1 pkt.
Beet, Eclipse, 1 pkt.
Cabbage, Early Express, 1 pkt.
Cabbage, Fottler's, 1 pkt.
Carrot, Chantenay, 1 oz.
Corn, Crosby's Sugar, ½ lb.
Cucumber, Long Green, 1 pkt.
Lettuce, Nonpareil, 1 pkt.
Onion, Red Wethersfield, 1 oz.
Onion, Danvers, 1 pkt.
Parsley, Moss Curled, 1 pkt.
Parsnip, Cooper's Champion, 1 oz.
Peas, McLean's Little Gem, ½ lb.
Peas, Nott's Excelsior, ½ lb.
Radish, Non Plus Ultra, 1 oz.
Squash, Vegetable Marrow, 1 pkt.
Sage, 1 pkt.
Turnip, Laing's Swede, 1 oz.
Tomato, Atlantic, 1 pkt.

See page 40 for Ewing's Special Flower Collections.

EWING'S SELECTED SEEDS

OF

Conditions of Sale.

While we exercise great care to have all Seeds pure, reliable, and true to name, our Seeds are sold without any warranty, expressed or implied, and without any responsibility on our part in respect to the crop. If Seeds are not accepted on these terms, they must be returned at once.

Regarding Prepayment of Postage.

When Beans, Peas, Corn, Mushroom Spawn and all Farm and Bird Seeds are ordered to be forwarded by Mail, 5c. PER POUND MUST BE ADDED for postage, but on VEGETABLE (not enumerated above) and FLOWER SEEDS, WE PREPAY THE POSTAGE TO ANY POST OFFICE IN THE DOMINION, at prices quoted in this catalogue; but 16c. per pound requires to be added to orders mailed to the United States or Newfoundland.

For **"NOVELTIES AND SPECIALTIES"** in Vegetable Seeds, see beginning of Catalogue.

Artichoke.

GREEN GLOBE.. .. .. oz. 40c. pkt. 5c.
EARLY PURPLE GLOBE.. .. .. oz. 40c. pkt. 5c.
JERUSALEM GIANT WHITE—Bulbs.. .. Postage extra, 15c. per lb.; $1.50 per bushel.

Asparagus.

Conover's Colossal Asparagus.

One ounce of seed will sow about 40 ft. of a row. A bed 12 x 40 feet requires 100 plants, which is sufficient for the use of a small family. Soil should be made as rich as possible before planting, and the beds should be manured, and slightly dug every fall.

NEW GIANT SNOW-CAP—By far the earliest Asparagus. Heads are pure white and of the most delicate flavor. pkt. 10c.

PALMETTA—Grows to an immense size. The heads are green without any purple tinge, are of excellent flavor, and tender. lb. 65c; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

GIANT PURPLE TOP—lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

CONOVER'S COLOSSAL—Grows very large, often producing stems 3 and 4 inches in circumference; very tender. lb. 60c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

COLUMBIAN MAMMOTH WHITE—Produces white shoots, rather larger than Conover's Colossal, and the plant is more robust and vigorous than other giant varieties. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

We can supply fine, strong, two-year old plants of the leading varieties at $1.00 per 100, postage extra.

Beans—English.

When ordered by mail add 5c. per pound for postage for Dominion, and 16c. per pound to Newfoundland or U.S.A.

Sow in Drills two feet apart, and leave 5 or 6 inches between plants. One pound of Seed will sow 100 feet of row.

Per lb.

MAZAGAN—Small but very early.. .. ..

Beans

Dwarf or Bush. Wax Podded Varieties.

One pound will plant 100 ft. of row, one bushel will plant half an acre in drills.

When ordered by mail add 5c. per pound for Postage in Canada, or 16c. per pound to Newfoundland or U.S.A.

Currie's Rust Proof Wax Bean.

CURRIE'S RUST PROOF WAX—Is of upright and robust habit, thus keeping the pods from lying on the ground. Pods are long, flat, and of a beautiful golden color. lb. 15c.

WARDWELL'S KIDNEY WAX—Is one of the best sorts. Is early, and particularly free from rust. lb. 20c.

YOSEMITE MAMMOTH WAX—Pods are long, round and solid, bright yellow in color, absolutely stringless, and numerous. lb. 20c.

NEW GOLDEN EYE WAX—Is claimed to be rust proof. Heavy bearer. lb. 20c.

FLAGEOLET or SCARLET WAX—A very valuable variety. Extra heavy cropper. lb. 20c.

DETROIT WAX—Pods are round, extremely tender and of a beautiful yellow color. lb. 20c.

GOLDEN WAX—Of strong growth and a week earlier than the old Black Wax. lb. 20c.

BLACK WAX—Waxy-yellow pods. lb. 20c.

WHITE WAX— " " " lb. 20c.

Green Podded Varieties.

BURPEE'S BUSH LIMA—Beans are as large as the Pole Lima, and two weeks earlier. lb. 25c.

YELLOW SIX WEEKS—Very early. Great cropper. lb. 15c.

DWARF HORTICULTURAL—lb. 25c.

IMPROVED YELLOW EYE OR BOSTON FAVORITE—This fine sort is most valued as a shelled bean. lb. 15c.

DUN COLOR—Productive and hardy. lb. 15c.

EARLY MOHAWK—lb. 15c.

EARLY MARROWFAT—lb. 15.

EARLY RED VALENTINE—Early. Fine flavor. lb. 15c.

REFUGEE—Very early and a sure cropper. lb. 15c.

WHITE KIDNEY—Used as a cooking bean, dry. lb. 15c.

EARLY CHINA—Early and good either green or dry. lb. 15c.

Early Red Valentine Bush Bean.

Pole or Running Beans.

ASPARAGUS—Is the heaviest cropper of all. Pods are flat, of great length and breadth. A splendid sort. lb. 50c.

GOLDEN ANDALUSIA—Pods 5 to 6 inches long, fleshy and finely flavored. lb. 20c.

EARLY GOLDEN CLUSTER WAX—Very early. A fine cropper and of delicious flavor. lb. 20c.

BLACK BUTTER or INDIAN CHIEF—Waxy, yellow pods; very fine flavor. lb. 20c.

CRANBERRY or HORTICULTURAL—A well-known productive variety, green pods. lb. 20c.

DUTCH CASE KNIFE—Productive and early, long, flat, green pods. lb. 20c.

LAZY WIFE—Green pods; very prolific. lb. 20c.

LIMA, large white—This is a delicious bean, either in its green or dry state. lb. 20c.

SCARLET RUNNERS
WHITE "
PAINTED LADY "
} Mainly cultivated for their flowers, but the pods are also used as a culinary vegetable. lb. 20c.

Borecole or Kale.

Sow early in Spring, culture same as Cabbage.

DOBBIE'S VICTORIA—For description see "Novelties and Specialties." pkt. 15c.

	per oz.	per pkt.
TALL GREEN CURLED SCOTCH	15c.	5c.
DWARF GREEN CURLED SCOTCH	15c.	5c.

Cardoon.

Sow in May, in rows, and thin out to one foot apart; bind together and earth up like celery.

LARGE SMOOTH SOLID.. .. ..oz. 25c.; pkt. 5c.

Chard or Sea Kale Beet.

SWISS CHARD—Leaves are used as spinage. oz. 10c.; pkt. 5c. Cultivate same as garden Beet.

Beet—Fr. Betterave a Table.

One ounce will sow about 50 ft. of drill; 5 lbs. will sow an acre.

Half Long and Long Varieties.

MARTIN'S EXHIBITION LONG BLACK—For description see "Novelties and Specialties." pkt. 10c.

DOBBIE'S NEW PURPLE—For description see "Novelties and Specialties." pkt. 15c.

BONSECOURS MARKET—One of the best half-long varieties in cultivation, neat shape, uniformly smooth and good color and flavor. Is a very heavy cropper ad a great favorite with market gardeners and we strongly recommend it. lb. 90c.; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

PARISIAN FAVORITE, Half-long—One of the very best sorts. Smooth, tapering, solid root. Rich crimson in color, and a splendid keeper. lb. 90c.; ¼ lb. 35c.; oz. 10c.; pkt. 5c.

GARDENER'S FAVORITE—Medium sized, finely shaped roots. One of the finest table beets. oz. 15c.; pkt. 5c.

WAITE'S DWARF BLACK—Excellent color and flavor. lb. $1; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

COVENT GARDEN—Fine color, not too large, a fine sort for private gardens. lb. $1; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

IMPROVED LONG BLOOD—The heaviest cropper. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5.

WHYTE'S DEEP BLOOD—Half long. lb. $1; ¼ lb. 35c.; oz. 10c.; pkt. 5c.

BELL'S SUPERB BLACK—Wine-colored leaves; greatly admired as a foliage plant. Small root. oz. 15c.; pkt. 5c.

Long Blood Beet.

Parisian Favorite, Half-long Beet.

Gardener's Favorite Beet.

Round or Turnip Varieties.

ECLIPSE—Dark red, fine quality. lb. 60c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EGYPTIAN TURNIP—Very smooth and early; good quality, dark red color. lb. 60c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

CRIMSON GLOBE—lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EARLY CRIMSON TURNIP—lb. 60c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

FLAT BASSANO—Suitable for shallow soils. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

For Stock Feeding Varieties, See Agricultural Department.

Edinburgh Prize Brussels Sprouts

Brussels Sprouts.

Fr. Chou a Jet de Bruxelles.

The cultivation of this delicious vegetable is similar to that of cabbage. To preserve through winter, store in a cool cellar with roots in earth.

LONDON MARKET—A sure cropper. oz. 20c.; pkt. 5c.

EDINBURGH PRIZE—Grows large, and the stem is completely studded with sprouts. oz. 25c.; pkt. 5c.

DWARF PARIS MARKET—A fine reliable dwarf variety with perfect sprouts. oz. 20c.; pkt. 5c. See *"Novelties and Specialties" for new varieties.*

Eclipse Beet.

Chervil.—Fr. Cerfeuil.

Cultivate same as parsley.

CURLED.. .. ..lb. $1.25; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

Chicory—Fr. Chicoree.

Requires similar treatment to carrot. The root is used to mix with coffee, and the leaves as a salad. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

ASPARAGUS—A new and quite distinct Italian variety. The leaves and stalks, when cooked and served cold, make a delicious salad. oz. 20c.; pkt. 10c.

Cress—Fr. Cresson.

Sow in drills and repeat sowings frequently. Water Cress should either be sown on or transplated to the banks of a running stream, or placed in the bed of it, with a stone on each plant to prevent shifting.

	P. lb.	¼ lb.	oz.	pkt.
WATER..			50c	10c
CURLED..	40c	15c	10c	5c
PLAIN..	40c	15c	10c	5c

We keep a full line of Planet Jr. and Iron Age, Horse and Hand Cultivators.

Cauliflower.

One ounce of Seed will produce about 1,500 plants.

We draw particular attention to the extra quality of our Cauliflower Seed, and more especially to Ewing's selected Dwarf *Early Erfurt* and Queen of the Danes.

QUEEN OF THE DANES ERFURT—Splendid either for forcing or outdoor culture, produces extra large, solid, pure white heads. oz. $2.50; pkt. 25c.

EWING'S SELECTED DWARF EARLY ERFURT—Very early; pure white large flower. Forces well and is also the favorite for outdoor culture. We have obtained our supplies from the same celebrated grower for many years past, and we know no strain excels it for purity, compactness of growth or certainty of heading. oz. $2.50; ½ oz. $1.40; pkt. 25c.

EXTRA DWARF EARLY ERFURT—Small leaves, pure white solid heads, extremely early and valuable for forcing and for the open ground as well. Similar to Snowball. oz. $3; pkt. 25c.

SNOWBALL—Very early. oz. $2.50; ½ oz. $1.40; pkt. 25c.

EXTRA EARLY PARIS—A fine sort either for forcing or open air culture. oz. 90c.; pkt. 5c.

HALF EARLY PARIS—Large flower. oz. 90c.; pkt. 5c.

Ewing's Selected Dwarf Early Erfurt Cauliflower.

LE NORMAND—Large, late variety, short stem and solid head.....oz. 90c.; pkt. 5c.

ABYSSINIAN—Late, produces large white heads.....oz. 90c.; pkt. 10c.

Cabbage—Fr. Chou.

One ounce of Seed will produce about 1,500 plants.

Early Varieties.

Extra Early Express.

BAMBERG EARLIEST—For description see *"Novelties and Specialties."* pkt. 15c.

EXTRA EARLY EXPRESS—The earliest variety. Is of conical shape, resembling the Etampes in form, but is from eight to ten days earlier. Has few outside leaves, and can thus be planted very close, and we recommend it strongly to market gardeners. lb. $1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

EARLY ETAMPES—Is of the Ox-heart type, forming a hard head very early. Both the Etampes and the preceding we recommend with perfect confidence either to market gardeners or private growers. lb. $1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

EARLY STANDARD—Is of the Ox-heart type, but larger, and ten days earlier. Forms a saleable head quickly, and is a most valuable sort for market gardeners. lb. $1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

EARLY SPRING—This is the earliest of all flat headed Cabbages. Has but few outer leaves, and the head closes in quickly, and it is thus a most saleable variety for early marketing. Very short stems. lb. $2; ¼ lb. 60c.; oz. 20c; pkt. 5c.

LARGE EARLY OX-HEART—lb. $1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

JERSEY WAKEFIELD—Early, large and solid. American saved seed. oz. 20c.; pkt. 5c.

Second Early Varieties.

CANNON BALL DANISH—Extra-selected stock.—Heads are nearly round in shape, and in every way it is a distinct variety of Fall or Winter Cabbage. There is no variety that approaches it in solidity. Is saleable shortly after the Henderson's summer, and is equally good for storing, as it is a splendid keeper. A head of it will weigh 50 per cent. more than one of similar size of Fottler's. Every plant produces a head. Every market gardener should grow it. lb. $2.50; ¼ lb. 75c.; oz. 25c.; pkt. 5c.

HENDERSON'S EARLY SUMMER—Produces large and very solid heads, and comes in just after the Standard and Etampes. Soil must be rich. lb. $1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

SUREHEAD—Large, solid, flattish heads, uniform in size and a good keeper. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

Cannon Ball Danish.

Cabbage—Continued.

HENDERSON'S SUCCESSION—Later than Henderson's Summer, but produces larger heads. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

EARLY WINNINGSTADT—The head is so hard and solid that it is not affected with the cabbage worm to any great extent. True French grown seed. lb. $1.50; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

VANDERGAW—A second early variety, and a great favorite with market gardeners. A sure header, and produces heads larger and of better color and quality than Henderson's Summer. lb. $1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

Henderson's Early Summer.

Late Varieties.

AUTUMN KING—A fine late variety and quite distinct in its characteristics. Heads are of a dark green color, and is one of the best keepers. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

FOTTLER'S IMPROVED BRUNSWICK—Large head. If planted early will be ready for use in August. A favorite with market gardeners, both for Fall sales and for keeping through the Winter. lb. $1.60; ¼ lb. 45c.; oz. 15c.; pkt. 5c.

LARGE BRUNSWICK SHORT STEM—Used as a second early and late variety, and produces very large and solid heads. A fine sort. lb. $1.75; ¼ lb. 50c.; oz. 20c.; pkt. 5c.

ST. DENIS—A fine late French variety; a splendid keeper owing to its solidity of head. lb. $1.50; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

FLAT DUTCH, LATE—Large, flat, solid. oz. 15c.; pkt. 5c.

MARBLEHEAD MAMMOTH—Late; grows very large and firm, and keeps well. American saved seed. oz. 20c.; pkt. 5c.

LATE DRUMHEAD—lb. $1.50; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

Fottler's Improved Brunswick.

Red Varieties.

LARGE RED DRUMHEAD—Large hard head. oz. 15c.; pkt. 5c.

RED DUTCH—oz. 15c.; pkt. 5c.

Savoy Cabbage.

GREEN CURLED—Medium size, very tender. oz. 15c.; pkt. 5c.

DRUMHEAD—Very large and hardy. lb. $1.60; ¼ lb. 45c.; oz. 15c.; pkt. 5c.

EARLY DWARF ULM—An early tender sort. oz. 15c.; pkt. 5c.

LARGE AUBERVILLIERS—A select stock of Drumhead, of an extra large size, and finely curled. oz. 20c.; pkt. 5c.

If you are a Market Gardener write for our SPECIAL MARKET Gardener's Price List.

Early Winningstadt.

Autumn King.

Long Red Stump Carrot.

Carrot—Fr. Carotte.

One ounce of seed will sow one hundred feet of drill and four lbs. will sow an acre.

All Clean Rubbed Seed.

EARLY FRENCH HORN—A small early sort. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EXTRA EARLY HORN—Smaller than preceding and especially suitable for forcing. lb. $1; ¼ lb. 30c.; oz. 10c.; pkt. 5c.

HALF LONG CHANTENAY—Half long scarlet. An improved variety of Nantes, with larger shoulder and more productive. Extra fine sort. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

HALF LONG POINTED ROOTED—Does not require so deep soil as the long varieties. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

HALF LONG STUMP ROOTED—Heavy cropper; also does not require so deep soil as long varieties. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

HALF LONG NANTES—A select stock of preceding variety. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

JAMES' SCARLET INTERMEDIATE—Half long pointed. lb. 60c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

HALF LONG ST. VALERY—A very large intermediate sort; pointed rooted. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

Chantenay Carrot.

HALF LONG IMPROVED DANVERS—Tapering root of medium length; very smooth. This is the heaviest cropping variety of red carrot. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

HALF LONG GUERANDE or Ox-heart—The root is very thick at the shoulder, tapering slightly to the point, is very early, of fine quality and is a heavy cropper. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

LONG RED STUMP ROOTED—This sort has but little heart or pith, and is the best flavored variety in cultivation. lb. $1; ¼ lb. 30c.; oz. 10c.; pkt. 5c.

LONG ORANGE—Long root, of good color and flavor. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

LONG RED ALTRINGHAM—Good keeper. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

For Field VARIETIES see Agricultural Department.

Paris Golden Celery.

Celery—Fr. Celeri.

One ounce will produce about 2,000 plants.

DOBBIE'S SELECTED RED—Per pkt. 15c.
" **INVINCIBLE WHITE**—Per pkt. 15c.
} For description see Novelties and Specialties.

TRIUMPH—A late white variety. For crispness and nutty flavor it has no superior, and it keeps remarkably well. oz. 30c.; pkt. 5c.

PINK PLUME—Resembles the White Plume in growth, with the outer ribs of a delicate pink. oz. 25c.; pkt. 5c.

HENDERSON'S WHITE PLUME—Is very early, needs but little earthing up and is of fine flavor. ¼ lb. 75c.; oz. 25c.; pkt. 5c.

PARIS GOLDEN YELLOW—Is of medium height, fine flavor and perfectly solid, and needs but little earthing up. The outer ribs are of a yellowish white, while the heart, which is large and solid, is of a rich golden yellow, and it thus has a most striking appearance on the table. Is an excellent keeper. ¼ lb. $1.50; oz. 50c.; pkt. 10c.

DWARF LARGE RIBBED—A solid white sort, requiring little earthing up. Good keeper. ¼ lb. 60c.; oz. 20c.; pkt. 5c.

GIANT WHITE PASCHAL—Grows one-third taller than Paris Golden yellow. Color white with golden heart. Keeps well when stored in a cool cellar. ¼ lb. 60c.; oz. 20c.; pkt. 5c.

NEW ROSE—Deep rose color, and very solid. oz. 25c.; pkt. 5c.

LARGE WHITE SOLID—¼ lb. 60c.; oz. 20c.; pkt. 5c.

BOSTON MARKET DWARF—Branching habit, and has a fine nutty flavor. Keeps well. ¼ lb. 60c.; oz. 20c.; pkt. 5c.

CELERIAC OR TURNIP ROOTED—oz. 20c.; pkt. 5c.

CELERY SEED—For flavoring soups, pickles, etc. ¼ lb. 20c.; oz. 10c.; pkt. 5c.

Guerande Carrot.

Henderson's White Plume Celery.

Celery Plants

TRANSPLANTED CELERY PLANTS of Sorts. 75c. per 100.
SEEDLING " " " 60c. per 100.

Sugar Corn—Fr. Ble-d'Inde Sucre.

One lb. will plant about 100 hills and one peck will plant an acre, in hills.

When ordered by Mail 5c. per lb. must be added for postage in the Dominion.

Early Varieties.

HOLMES' NEW PREMO—Combines all the merits of the extra early varieties, but is far superior to them all in size, quality and yield. Stalks grow about 5 ft. high, generally bearing 2 well-developed ears to a stalk, measuring from 1 to 2 inches longer than Corey. C. S. Clarke, the great Ohio corn grower, says "it is the *earliest corn I ever saw or grew.*" Under favorable circumstances will be ready for market in 60 days from planting. lb. 20c.

Ford's Early Sugar Corn.

EARLIEST SHEFFIELD—Is a cross between Corey and Adam's Extra Early, and is earlier than the Corey, and is much hardier and can be planted almost as early as Flint corn. This will make it a favorite for early market. Grows 4½ ft. high. lb. 15c.

FORD'S EARLY SUGAR—Is as early as White Corey. lb. 15c.

EARLY COREY—An extra early variety with a red cob, and very popular with market gardeners. Doz. ears 50c.; lb. 15c.

EARLY WHITE COREY—Same as preceding, excepting that the grain is white and has a better appearance when cooked. lb. 15c.

NEW CHAMPION—Grows the largest ears of the Early sorts. Is ready for use as early as Crosby. lb. 15c.

MINNESOTA EARLY WHITE—Small early variety. lb. 15c.

Canada Yellow Flint Corn.

Medium Early Varieties.

MOORE'S EARLY CONCORD—doz. ears 50c.; lb. 15c.

CROSBY EARLY SUGAR—A Standard variety. doz. ears 50c.; lb. 15c.

KENDEL'S EARLY GIANT—Is nearly as early as Crosby and produces ears 8 to 10 inches long, averaging 12 rows to the ear. Kernels pure white, sweet and tender. lb. 15c.

HONEY SWEET—Husks and stalks are dark red, while the kernels are creamy white. Small cob and deep grain. lb. 15c.

COUNTRY GENTLEMAN—A delicious sweet variety. Ears are of pearly whiteness, and although narrow, are exceedingly long. We strongly recommend it. lb. 15c.

NONE SUCH—Twelve rowed, with ears as large as Stowell's Evergreen Sugar. Kernels are white as snow and of delicious sweetness. lb. 15c.

OLD COLONY—A selection of the Evergreen type, *but about ten days earlier.* A very desirable sort for canners and market gardeners. lb. 15c.

SHOE PEG—Kernels resemble shoe pegs in shape. lb. 15c.

HICKOX IMPROVED—An excellent second early sort, very sweet and a fine cropper. lb. 15c.

MEXICAN EARLY—A black seeded sort, and perhaps the sweetest of all sugar corns. lb. 10c.

PERRY'S HYBRID—A second early sort. lb. 15c.

Late Varieties.

NEW ZIGZAG EVERGREEN SUGAR—Produces ears as large as Stowell's Evergreen, but much sweeter, and, what is very important, is ten days earlier. Instead of the rows being straight, the the kernels run zigzag, hence its name. lb. 15c.

Continued next page.

Sugar Corn—Continued.

STOWELL'S EVERGREEN SUGAR—The standard late variety and one of the best. doz. ears 60c.; lb. 15c.
MAMMOTH SUGAR—Ears large. Very sweet. lb. 15c.

TUSCARORA—Very large white ears, considered by many a fine table corn. doz. ears 50c. lb. 15c.
CANADA YELLOW FLINT— " **WHITE** " } doz. ears 30c.; lb. 10c.
POP CORN—White rice. Best popping sort. lb. 10c.

Corn Salad.

Sow early. The leaves are much esteemed as a spring salad. oz. 20c.; pkt. 5c.

Cucumber—Fr. Concombre.

One ounce will plant about 50 hills.

LIVINGSTON'S EMERALD—Is a rich dark green, retaining its color till ripe. Is of vigorous growth and early, of large size, and entirely free from "Warts and Spines." oz. 25c.; pkt. 5c.
THOROUGHBRED WHITE SPINE—Medium size and very early. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.
ARLINGTON WHITE SPINE—The first fruits on the vine are very even in form and size, and continue so through the season. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.
PEERLESS WHITE SPINE—Extra long and smooth, and very early and prolific. It differs from the other strains of White Spine in retaining its deep green color. lb. $2; ¼ lb. 60c; oz. 20c.; pkt. 5c.
NEW GIANT PERA—Excellent flavor, crisp and tender at all stages of growth. Fruit frequently 12 to 18 inches in length and of great circumference. Is exceedingly smooth and straight. ¼ lb. 60c.; oz. 20c.; pkt. 5c.
IMPROVED LONG GREEN—A superior strain of fine dark green color, uniform size, crisp and tender. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.
LONG GREEN PRICKLY—Dark green, tender and well flavored. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.
COOL AND CRISP—A particularly excellent variety for pickling or table use. At the pickling stage the cucumbers are slim, and of very dark color. ¼ lb. 60c.; oz. 20c.; pkt. 5c.
NEW JAPANESE CLIMBING—Vines and foliage are much stronger than other kinds, and as it is a climber it can be grown on fences and trellises, and thus save much space. Is a most prolific bearer, and the fruit is about ten ins. long and of fine flavor. ¼ lb. 60c.; oz. 20c.; pkt. 5c.
PARIS PICKLING—The young cucumbers, when at the proper age for pickling, are from 3 to 5 inches in length, and slender. ¼ lb. 90c.; oz. 30c.; pkt. 5c.

New Giant Pera Cucumber.

GREEN PROLIFIC—(Or Boston Pickling). ¼ lb. 60c.; oz. 20c.; pkt. 5c.
CHICAGO PICKLING—¼ lb. 60c.; oz. 20c.; pkt. 5c.
EARLY FRAME—Medium size. lb. $1.75; ¼ lb. 50c.; oz. 15c.; pkt. 5c.
EARLY CLUSTER—Small and early. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.
EARLY RUSSIAN—Early; small. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.
WEST INDIA GHERKIN OR BURR—Also known as Jerusalem Pickle. A very small oval shaped prickly variety, quite distinct from all others. ¼ lb. 50c.; oz. 15c.; pkt. 5c.

English Frame Cucumber.

SION HOUSE. TELEGRAPH (Rollinson's)—25c. per pkt.
MARQUIS OF LORNE. TELEPHONE—25c. per pkt.

Japanese Climbing Cucumber.

Thoroughbred White Spine Cucumber.

Improved New York Purple Egg Plant.

Egg Plant

FR. AUBERGINE.

Sow in a hot bed and plant out about the end of May into deep, rich soil, with a warm exposure; plants two feet apart.

	oz.	pkt.
LONG PURPLE	40c.	5c.
EARLY WHITE LONG	50c.	10c.
" " **ROUND**	50c.	10c.
STRIPED	50c.	10c.
IMPROVED NEW YORK PURPLE	60c.	10c.
BLACK FRUITED PEKIN	75c.	10c.
MIXED VARIETIES	75c.	5c.

Kohl Rabi—FR. CHOU RAVE.

A hybrid between the turnip and cabbage; culture same as turnip. Immediately above the ground the stem swells into a bulb similar to a turnip.

PURPLE GIANT ..... ¼ lb. 60c.; oz. 20c.; pkt. 5c.
WHITE " ..... ¼ lb. 60c.; oz. 20c.; pkt. 5c.

Endive—FR. CHICOREE.

Sow in June, in drills one foot apart, and thin out to about the same distance. When six or eight inches high, tie up to blanch, and draw up the earth around the plants. Be careful that the leaves are dry when tied up, but give plenty of water during dry weather.

WHITE CURLED ..... ¼ lb. 50c.; oz. 15c.; pkt. 5c.
MOSS " ..... ¼ lb. 50c.; oz. 15c.; pkt. 5c.

Leek

FR. POIREAU.

One ounce of seed will sow one hundred feet of drill.

DOBBIE'S CHAMPION—pkt. 20c. For description see "Novelties and Specialties."

FLAG—¼ lb. 40c.; oz. 15c.; pkt. 5c.

GIANT PALERMO Roots are large and long, and it grows better in hot dry weather than any other sort. oz. 20c.; pkt. 5c.

MUSSELBURGH — Very hardy, and grows to a large size when well cultivated. ¼ lb. 60c.; oz. 15c.; pkt. 5c.

MONSTROUS CARENTAN — A large and excellent variety. ¼ lb. 40c.; oz. 15c.; pkt. 5c.

Musselburgh Leek.

Lettuce—FR. LAITUE.

WHITE GIANT—(For description see Novelties and Specialties). pkt. 10c.

GOLDEN STONE—Very early. Good either for forcing or outdoor culture. Heads are of good size and pale yellow color, solid, and heart right up. oz. 20c.; pkt. 5c.

Lettuce.

St. Louis Lettuce.

Lettuce—Continued.

ST. LOUIS—An excellent sort, producing good sized heads, very crisp and good for forcing. oz. 15c.; pkt. 5c.

GRAND RAPIDS—Somewhat loose headed, but valuable for winter forcing as it seldom damps off. ¼ lb. 40c.; oz. 15c.; pkt. 5c.

EXCELSIOR—A large crisp variety which does not run to seed quickly. Thick succulent leaves; can either be used when half grown or left to form heads. One of the best. ¼ lb. 40c.; oz. 15c.; pkt. 5c.

Nonpareil.

NONPAREIL—Leaves yellowish green, heads large, solid and tender. ¼ lb. 40c.; oz. 15c.; pkt. 5c.

DENVER MARKET—Large solid heads of a light green color, with crimped leaves, resembling Savoy Cabbage. ¼ lb. 40c.; oz. 15c.; pkt. 5c.

WHEELER'S TOM THUMB—Small and early for forcing. oz. 15c.; pkt. 5c.

DEFIANCE—Admirably adapted for open air culture, as it does not run to seed quickly. oz. 15c.; pkt. 5c.

EARLY CURLED SIMPSON—A black seeded large popular variety. ¼ lb. 40c.; oz. 15c.; pkt. 5c.

BOSTON CURLED—Leaves beautifully curled, small solid head. Good forcing variety. oz. 15c. pkt. 5c.

BIG BOSTON—oz. 15c.; pkt. 5c.

CALIFORNIA CREAM BUTTER—Large, solid round heads, light green outside, and creamy yellow within. ¼ lb. 40c.; oz. 15c.; pkt. 5c.

We can also supply the following standard varieties, which are too well known to need description, at the uniform price of 15c. per oz.; 5c. per pkt.

Victoria, Deacon, Hanson, Boston Market and Curled Silesian.

COS OR STRAIGHT LEAVED VARIETIES, GREEN PARIS COS AND WHITE PARIS COS—¼ lb. 40c.; oz. 15c.; pkt. 5c.

Musk Melon

Fr. Melon Muscade.

One ounce will plant about seventy hills.

BIJUKDERE—For description see "Novelties and Specialties." pkt. 10c.

MONTREAL IMPROVED NUTMEG—Light green flesh, large size and splendid flavor. The best variety in cultivation. Our stock is true, and was grown here under glass, from selected fruit. It is to be noted that the leading Hotels in New York, Philadelphia and other cities in the United States buy Montreal Melons in large quantities during the season. pkt. 15c. Seed very scarce and cannot promise to supply all orders.

Montreal Improved Nutmeg Melon.

MONTREAL MARKET—United States grown seed. oz. 20c.; pkt. 5c.

GREEN NUTMEG—Green flesh, finely netted, oval shaped. oz. 20c.; pkt. 5c.

ROCKYFORD—A Colorado variety. Is round in shape, with light green flesh and of medium size. Is a splendid keeper. oz. 20c.; pkt. 5c.

SURPRISE—Salmon color, extremely thin cream colored rind. oz. 20c.; pkt. 5c.

SKILLMAN'S NETTED—Early. oz. 20c.; pkt. 5c.

MANGO, OR VEGETABLE PEACH—For sweet pickles or preserves cannot be surpassed. oz. 20c.; pkt. 5c.

HACKENSACK—Ripens early and is very productive; flesh green and of excellent flavor. oz. 20c.; pkt. 5c.

BANQUET—A deliciously flavored salmon colored variety. Grows to a good size. oz. 20c.; pkt. 5c.

CHRISTIANA—Red flesh; very early. oz. 20c.; pkt. 5c.

CASSABA—Oblong shape; green flesh. oz. 20c.; pkt. 5c.

Banquet Melon.

JENNY LIND—Small; green flesh. oz. 20c.; pkt. 5c.

BAY VIEW—Green flesh and oblong shape. oz. 20c.; pkt. 5c.

LARGE YELLOW MUSK—Large and deeply ribbed; oval shaped. oz. 20c.; pkt. 5c.

Musk Melon—Continued.

PERFECTED DELMONICO—Almost round: skin, when ripe, is bright yellow and finely netted. Flesh deep rich orange and of high quality. oz. 20c.; pkt. 5c.

JERSEY BELLE—Large and early, resembling the Montreal Market in appearance. Green flesh of good flavor. oz. 20c.; pkt. 5c.

Water Melon

Fr. Melon d'Eau.

Phinney's Early Watermelon.

PHINNEY'S EARLY—One of the earliest sorts. Flesh scarlet, very thin rind. ¼ lb. 25c.; oz. 10c.; pkt. 5c.

IMPROVED MOUNTAIN SPROUT—Long, with dark green skin. oz. 10c.; pkt. 5c.

PEERLESS—Scarlet fleshed variety. oz. 10c.; pkt. 5c.

ICE CREAM—White flesh. ¼ lb. 20c.; oz. 10c.; pkt. 5c.

BLACK SPANISH—Red flesh. ¼ lb. 20c.; oz. 10c.; pkt. 5c.

LONG ISLAND—Red flesh. oz. 10c.; pkt. 5c.

FLORIDA FAVORITE—Oblong shape, rind dark with light green stripes, pink flesh. oz. 10c.; pkt. 5c.

MOUNTAIN SWEET—Fine quality; oval, scarlet flesh. ¼ lb. 20c.; oz. 10c.; pkt. 5c.

CUBAN QUEEN—Oval shaped, skin regularly striped with green. ¼ lb. 20c.; oz. 10c.; pkt. 5c.

CITRON—Round small fruit; used for making preserves. ¼ lb. 30c.; oz. 10c.; pkt. 5c.

Mustard—Fr. Moutarde.

During Spring and Summer, sowings should be made every few days, to provide a continuous supply.

WHITE—lb. 40c.; ¼ lb. 15c.; oz. 10c.; pkt. 5c.

CHINESE—Leaves are dark green and large. lb. $1; ¼ lb. 30c.; oz. 10c.; pkt. 5c.

PICKLING MUSTARD—For flavoring. lb. 20c.

Mushroom—Fr. Champignon.

FINEST ENGLISH MILLTRACK MUSHROOM SPAWN—Per brick, 20c.; per doz. $1.50.

FRENCH MUSHROOM SPAWN—Loose; in boxes containing 2 lbs. each, with full cultural directions. Per box $1.

Okra

LONG GREEN—oz. 20c.; pkt. 5c.

The seed pods of this vegetable are used in soups and stews.

Mushroom.

When ordered by mail, add 5 cts. per brick and 15 cts. per box to prices of Mushroom Spawn, for postage in the Dominion. See beginning of Catalogue for cultural directions.

Onion Sets—Fr. Set d'Ognons.

By mail add 5c. per lb. for postage in the Dominion.

White Bottom Sets	per lb.	18c.
Yellow Bottom Sets	"	15c.
Top onions	"	20c.
Potato Onions	"	12c.
Shallots	"	10c.

Special prices for large quantities on application.

Onion—Fr. Ognon.

One ounce will sow 100 feet of drill; or five pounds to the acre is required.

We take the greatest care in the selection of our stocks of Onion seed. There are immense quantities of carelessly grown and old seed on the market, and though offered extremely low, would be very dear if got for nothing. Our stocks of **Red Wethersfield** and **Yellow Danvers** have been specially grown for us, and are **good and thoroughly reliable** in every respect.

DOBBIE'S AILSA CRAIG—A splendid new Mammoth Scotch variety and a great prize-winner at British Exhibitions. pkt. 10c.

DOBBIE'S GOLDEN GLOBE—For description see "Novelties and Specialties." pkt. 25c. Continued next page.

Onion—Continued.

GIANT PRIZE TAKER—This immense Spanish variety is probably the largest onion grown. The outside skin is of a rich straw color, while the flesh is white and mild. lb. $1.40; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

SILVER KING—Single onions have weighed three lbs. It matures early, is a white skinned variety, in shape somewhat flat, and of an exceedingly mild flavor. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

GIANT ROCCA—Oval shaped yellow; large and of mild flavor. lb. $1.40; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

Seeds of the preceding are better started early in boxes in the house, or in a hot bed, and planted out in May. The onions will then mature thoroughly and attain great size.

EXTRA SELECTED LARGE RED WETHERSFIELD—Large, flat, handsome bulbs—is the standard variety in this market—a heavy cropper and a splendid keeper. lb. $1.20; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

Large Red Wethersfield Onion.

EXTRA EARLY RED WETHERSFIELD—Similar to Red Wethersfield, but smaller and earlier. lb. $1.20; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

EXTRA SELECTED YELLOW GLOBE DANVERS—Early and of a mild flavor and a good cropper. lb. $1.10; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

RED GLOBE—Mild flavor and handsome shape. lb. $1.50; ¼ lb. 40c.; oz. 20c.; pkt. 5c.

Onion—Continued.

WHITE GLOBE—Same as preceding except in color. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

AUSTRALIAN BROWN—Very early, fair size and a grand keeper. lb. $1.10; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

WHITE PORTUGAL—Flat shaped, early, mild flavor. lb. $2; ¼ lb.; 60c.; oz. 20c.; pkt. 5c.

THE QUEEN—A small, early white variety. Suitable for pickling. lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

EARLY WHITE BARLETTA—A white pickling variety. Is two weeks earlier than "Queen." lb. $2; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

Large buyers of Onion seed will please apply for special prices.

Parsnip

Fr. Panais.

One ounce will sow about 125 feet of drill. Five pounds will sow one acre.

DOBBIE'S SELECTED—For description see "Novelties and Specialties." pkt. 15c.

COOPER'S CHAMPION HOLLOW CROWN—A remarkably fine type with great thickness of shoulder and very small heart or core. We strongly recommend it. lb. 60c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

IMPROVED HOLLOW CROWN—Heavy cropper, long smooth root. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

THE STUDENT—Long and very smooth. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

Parsley—Fr. Persil.

One ounce will sow 140 feet of drill.

DWARF PERFECTION, NEW—For description see "Novelties and Specialties." pkt. 10c.

NEW PERPETUAL CURLED—Perennial. Is hardy enough to stand the severest winter. oz. 15c.; pkt. 5c.

TRIPLE CURLED—lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

COVENT GARDEN—Finely curled, long stemmed sort, for garnishing. lb. $1; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

MOSS CURLED—The best curled of all. lb. $1; ¼ lb. 35c.; oz. 15c.; pkt. 5c.

PLAIN LEAVED—lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

Pepper—Fr. Piment.

JAPANESE CLUSTER—For description see "Novelties and Specialties." Per pkt. 10c.

LUCULLUS—See "Novelties and Specialties." pkt. 10c.

CELESTIAL—The fruits stand upright, when full grown are delicate yellow, changing to intense scarlet. oz. 40c.; pkt. 5c.

Pepper—Continued.

CAYENNE—Red pods, very pungent. oz. 40c.; pkt. 5c.

Cardinal Pepper.

CARDINAL — Is a vigorous grower with fine dark green foliage. Fruits are 6 to 8 inches in length, and bright scarlet. oz. 40c.; pkt. 5c.

BLACK NUBIAN — The peppers are never green, but always coal black and are good for pickling at any stage of growth. oz. 40c.; pkt. 10c.

PROCOP'S GIANT—Large fruit, often from 8 to 9 inches long. Bright scarlet, very fleshy, and not pungent. oz. 40c.; pkt. 5c.

SWEET SPANISH—oz. 40c.; pkt. 5c.
LARGE RED—Bright red. oz. 30c.; pkt. 5c.
LARGE BELL—Bright red. oz. 40c.; pkt. 5c.
GOLDEN DAWN—Large, bright yellow fruit. oz. 40c.; pkt. 5c.
CHERRY—Small, smooth and round. oz. 40c.; pkt. 5c.
MIXTURE—Of above sorts. oz. 40c.; pkt. 5c.

Pumpkin—Fr. Citrouille.

If by mail, postage must be added at the rate of 5c. per lb.

CALHOUN—Skin is a creamy brown, while the flesh is a deep salmon yellow, wonderfully thick and finely grained, and the seed cavity is small. ¼ lb. 50c.; oz. 25c.; pkt. 5c.

MAMMOTH—Grows to a prodigious size, often attaining the weight of 250 lbs. The flesh is solid and desirable for cooking. ¼ lb. 75c.; oz. 25c.; pkt. 10c.

CUSHAW / **CHEESE** — Good cooking varieties. lb. $1; ¼ lb. 30c.; oz. 10c.; pkt. 5c.

YELLOW or CONNECTICUT FIELD—lb. 40c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

Potatoes—Fr. Patates.

We keep in stock all the leading and best varieties, such as **New Early Six Weeks, Burpees Extra Early, Early Norther, Early Fortune, Early Rose, Beauty of Hebron, Freeman, Dreer's Standard, The Bovee, Carman No. 3, Burbank Seedling, etc.** 1 lb. 15c.; 5 lbs. 50c. post paid. Per peck, 35c.; ½ bush. 60c.; bushel, $1.10. We shall be pleased to give specially favorable quotations for large quantities of potatoes.

We call the attention of our **Market Garden Customers** to our complete stock of **Planet Junior Horse Harrows, Celery Hillers, Seed Drills, etc. and Iron Age, Horse and Hand Cultivators,** No market Gardener should be without these tools.

Peas

One pound or pint will sow about 50 feet of drill. Two bushels will sow an acre in drills.

Prices of Peas do not include postage. If ordered by mail, add 5 cents per lb. for postage in the Dominion and 16 cents for Newfoundland and U. S. A. Market Gardeners and Canners requiring large quantities should send for Market Gardeners' price list.

Stratagem Pea.

Main Crop Varieties.

STRATAGEM—Blue wrinkled marrow; heavy cropper. Fine flavor, large peas and long pods; 2 feet. lb. 20c.

PRIDE OF THE MARKET—We strongly recommend it, both for flavor and crop. lb. 20c.

TELEPHONE—A wrinkled marrow pea of the very best quality and very productive; stalks average 15 to 20 pods each; 4 feet. lb. 20c.

TELEGRAPH—Pods large, and remarkably well filled; the peas, when cooked, are deep green and of excellent flavor; 5 feet. lb. 20c.

YORKSHIRE HERO—Large and fine quality; 3 feet. lb. 15c.
CHAMPION OF ENGLAND—Green wrinkled; 4 ft. lb. 15c.
BLISS' ABUNDANCE—Green wrinkled. lb. 20c.
BLISS' EVERBEARING—A continuous bearer. Peas large and of fine quality; 3 feet. lb. 20c.
McLEAN'S ADVANCER—Green wrinkled variety; 3 feet. lb. 20c.
DUKE OF ALBANY—Splendid wrinkled variety. Peas large and sweet. We strongly recommend it. lb. 20c.

Heroine Pea.

Peas—Continued.

THOMAS LAXTON—A grand new wrinkled pea of delicious flavor and taking it all round is the best early pea. Pods are larger than Gradus and generally contain 7 to 8 peas. 3 feet per pound. 30c.

EXTRA EARLY STAR—Round, smooth, white variety. One of the earliest and best first crop peas. Bears well, ripens evenly and seldom requires more than two pickings to clear off the crop; 2½ feet. Peck, $1.50; lb. 20c.

ALASKA—Is the earliest smooth blue pea in cultivation. A valuable sort for early marketing; height, 2 feet. Peck, $1.60; lb. 20c.

AMERICAN WONDER—An early wrinkled sort; there is no better dwarf variety; 1 foot. Peck, $2.25; lb. 25c.

McLEAN'S LITTLE GEM—A green wrinkled sort, of delicious flavor; 1 foot. Peck, $2; lb. 25c.

NOTT'S EXCELSIOR—A superior early wrinkled variety. Very prolific; 1 foot. Peck, $2.25; lb. 25c.

HORSFORD'S MARKET GARDEN—Is a cross between Alpha and American Wonder. Requires no stakes, is extremely prolific, and bears its pods in pairs; 2 feet. Peck, $1.50; lb. 20c.

LAXTON'S ALPHA—A splendid wrinkled sort and very early; 2½ feet. lb. 25c.

CARTER'S FIRST CROP, DANIEL O'ROURKE AND EARLY KENT—Very early and prolific; 3 ft. lb. 20c.; peck $1.50.

See "Novelties and Specialties" in Vegetables for New and Valuable English VARIETIES OF PEAS.

Radish—Fr. Radis.

One ounce will sow one hundred feet of drill.

CRIMSON GIANT FORCING—For description see "Novelties and Specialties." pkt. 10c.

DANISH OLIVE SHAPED FORCING—For description see "Novelties and Specialties." pkt. 10c.

NON PLUS ULTRA—Scarlet, turnip shaped. Is fit for use from 3 to 4 weeks from sowing. We recommend it either for forcing or open air culture. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EXTRA EARLY WHITE TURNIP—An early forcing variety, maturing about same time as preceding. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EXTRA EARLY WHITE OLIVE SHAPED—A fine forcing sort, and the earliest olive shaped variety. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

Main Crop Varieties—Continued.

HEROINE—Green wrinkled. Long, slightly curved pods, containing from 9 to 10 peas, of finest quality; 2½ feet. lb. 20c.

SUGAR—Tall, 5 feet. lb. 50c. **Dwarf,** 2 feet. lb. 50c. The young pods are very tender, and when cooked whole make a delicious dish.

Late Varieties.

BLUE IMPERIAL—Hardy and productive; 4 feet. lb. 10c.

BLACK EYE MARROWFAT, WHITE MARROWFAT—Two very prolific sorts; pods ripen all at the same time, so successive sowings should be made; 4 feet. Bush. $1.50; peck 50c.; lb. 10c.

Extra Early Varieties.

GRADUS OR PROSPERITY—Is as early as any of the round varieties while in flavor there is no comparison. The pods and peas are large, with the same delicious taste as the best wrinkled varieties; 3 feet. Per lb. 30c.

Types of our Scarlet Turnip, White Turnip and Scarlet White Tipped Radishes.

Radish—Continued.

EARLY SCARLET WHITE TIPPED—Is a superior round forcing variety; tender, and has a fine appearance on the table. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EARLY SCARLET TURNIP—Tender and juicy. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

EARLY WHITE TURNIP—lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

NEW GOLDEN TURNIP—Looks remarkably pretty on the table among the scarlet and white sorts. lb. $1; ¼ lb. 30c.; oz. 15c.; pkt. 5c.

EARLY FRAME—An early half long scarlet variety. lb. 60c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

SCARLET OLIVE SHAPED—Deep scarlet, grows quickly. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

LONG SCARLET—Long smooth root. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

Chartier Radish.

CHARTIER—Pale scarlet. Very early, long smooth root, and of mild flavor. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

FRENCH BREAKFAST—Very early and tender; oval shaped. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

BLACK SPANISH—Winter variety, should be sown late. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

ROSE WINTER CHINA—Keeps well stored in the cellar for winter use. lb. 75c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

Rhubarb—Fr. Rhubarbe.

Sow seed in May, and in the succeeding spring transplant into deeply trenched and well-manured soil, leaving three feet between plants. In fall the beds should receive a heavy dressing of manure.

ST. MARTIN.. .. .. } Roots 20c. each; $2 per doz.;
VICTORIA.. .. .. } oz. 20c.; pkt. 5c.

WILD RICE—Zizania. See Miscellaneous Seeds.

Sea Kale

Sow in May in richly manured soil, and when plants are sufficiently strong transplant into rows three feet apart, with two feet between plants. In fall cover with two feet of leaves, allowing these to remain until the succeeding June, when the plants will be thoroughly blanched. Per oz. 25c.; pkt. 5c.

Scorzonera

Cultivate same manner as Salsify. oz. 20c.; pkt. 5c.

Salsify or Oyster Plant

Fr. Salsifis.

MAMMOTH SANDWICH ISLAND—Produces roots much larger than the white French and equally well flavored. lb. $1.75; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

WHITE FRENCH—lb. $1.25; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

Spinage—Fr. Epinard.

Viroflay Spinage.

One ounce will sow one hundred feet of drills, 10 or 12 lbs. for an acre in drills.

VIROFLAY—One of the best varieties, producing thick crumpled leaves; stands a long time without running to seed. lb. 30c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

ROUND—lb. 30c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

LETTUCE LEAVED—Dark green succulent leaves. lb. 30c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

LONG STANDING—Valuable for Spring sowing; does not run to seed quickly. lb. 30c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

SAVOY LEAVED—Leaves large and thick, and wrinkled like the Savoy. lb. 30c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

PRICKLY—Hardy; for autumn sowing. lb. 30c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

Squash

Fr. Courge.

LIVINGSTON'S NEW PIE—Flesh sweet, and finely grained; unexcelled for pies or stewing. oz. 15c.; pkt. 5c.

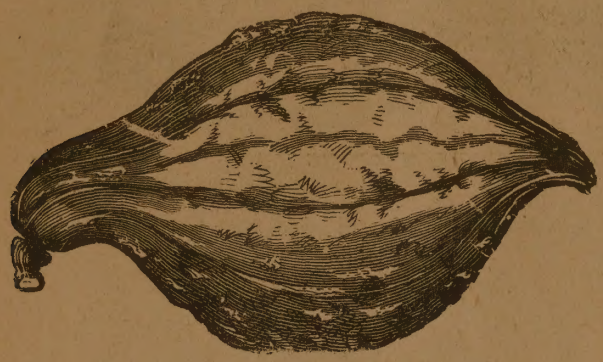
FORDHOOK—Yellow rind and straw colored flesh and of delicious flavor. Ripens early and keeps well. lb. 75c.; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

FAXON—Flesh is orange, with very small seed cavity. The shell almost disappears when cooked; flavor is excellent. Is a splendid keeper. oz. 15c.; pkt. 5c.

Squash—Continued.

EARLY PROLIFIC MARROW—There is no better keeping variety, and it is early and productive. lb. $1.25; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

MAMMOTH—Very large. Selected seed. ¼ lb. 75c.; oz. 25c.; pkt. 10c.



Hubbard Squash.

MAMMOTH HUBBARD—A select strain of this popular winter variety, the squashes growing to a great size. lb. $1.25; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

MARBLEHEAD—A winter variety, resembling the Hubbard, but lighter colored flesh, dry and sweet. lb. $1.25; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

VEGETABLE MARROW—A favorite early variety, fruit long with white flesh and rich flavor. Plant hills, 8 feet apart. lb. $1.25; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

LONG WHITE BUSH MARROW—Is an improvement on the trailing Vegetable Marrow. Fruit is large and handsome, and the plant is of bush form, so can be planted from 3 to 4 feet apart. lb. $1.50; ¼ lb. 45c.; oz. 15c.; pkt. 5c.

TURBAN—A superior late variety; of fair size. lb. $1.25; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

BOSTON MARROW—A late variety. A good keeper and of fine flavor. lb. $1.25; ¼ lb. 40c.; oz. 15c.; pkt. 5c.

ITALIAN STRIPED MARROW—lb. $1.75; ¼ lb. 60c.; oz. 20c.; pkt. 5c.

WHITE BUSH, YELLOW " } Both are productive and early. oz. 15c.; pkt. 5c.

SUMMER CROOKNECK, WINTER " } Both are bush varieties, the Summer being the best early squash. oz. 15c.; pkt. 5c.

Long White Bush Marrow.

Tomato—Fr. Tomate.

One ounce will produce about thirteen hundred plants.

Crimson Cushion Tomato.

EVERBEARING and SPARKS EARLIANA—For description see "Novelties and Specialties." Per pkt. 10c.

CRIMSON CUSHION—Large, and like Ponderosa produces but little seed, but is far handsomer than that sort. Is a second early and an enormous cropper. Bright red, without the slightest tinge of purple, and for flavor and solidity is unexcelled. oz. 40c.; pkt. 5c.

FREEDOM—A good sort in every way. Some varieties may produce a few fruits earlier, but none will produce as much fruit during the earlier part of the season, and it will keep on producing till frost stops it. Grows in clusters, is round and of a bright red color. oz. 40c.; pkt. 5c.

ATLANTIC, OR EARLIEST OF ALL—A fine variety producing medium sized, smooth, solid and finely colored fruit. Is one of the earliest sorts and particularly suitable for early marketing. ¼ lb. 75c.; oz. 25c.; pkt. 5c.

CANADA VICTOR—Very early. ¼ lb. 70c.; oz. 20c.; pkt. 5c.

ACME—Early and smooth. Per oz. 20c.; pkt. 5c.

VOLUNTEER—Large size, bright red. oz. 20c.; pkt. 5c.

NEW STONE—Bright scarlet, smooth and solid. Does not crack when ripe. One of the best. oz. 20c.; pkt. 5c.

MIKADO—Purplish red fruit. oz. 25c.; pkt. 5c.

BRINTON'S BEST—A grand variety, large fruit, fine color and solid. oz. 30c.; pkt. 5c.

IGNOTUM—Is very early and prolific. oz. 25c.; pkt. 5c.

DWARF CHAMPION—Comparatively free from rot; erect habit and fine form. Dull red. Is a great favorite, especially in small gardens. oz. 30c.; pkt. 5c.

LIVINGSTON'S "HONOR BRIGHT"—Smooth bright red fruit, so solid that, if picked in the earlier stages of ripening, it can be shipped in barrels, like apples. Will keep for weeks in a cool place. Extra fine flavor. oz. 25c.; pkt. 5c.

LIVINGSTON'S ROYAL RED—Canners pronounce this a perfect tomato in every way. Deep red without any purple tinge, and is large and solid. oz. 20c.; pkt. 5c.

LIVINGSTON'S BEAUTY—Large solid purplish red fruit and an immense yielder. ¼ lb. 70c.; oz. 20c.; pkt. 5c.

LIVINGSTON'S FAVORITE—Dark red, large, smooth, and seldom cracks. ¼ lb. 70c.; oz. 20c.; pkt. 5c

Tomato—Continued.

LIVINGSTON'S PERFECTION—Has every valuable quality; good size, extremely early, blood red color and perfectly smooth. ¼ lb. 65c.; oz. 20c.; pkt. 5c.
PONDEROSA—The largest tomato in cultivation. Purplish red. oz. 40c.; pkt. 10c.
TROPHY—Grows to an immense size; is solid and of fine flavor. ¼ lb. 65c.; oz. 20c.; pkt. 5c.
LARGE YELLOW—For preserving. oz. 25c.; pkt. 5c.
PEAR SHAPED—Grows in clusters, producing small fruit of delicious flavor. oz. 40c.; pkt. 5c.
YELLOW PLUM—For preserves. oz. 10c.; pkt. 5c.
STRAWBERRY OR GROUND CHERRY—Strawberry flavored; is used for preserving. oz. 40c.; pkt. 5c.

PEACH TOMATO—Fruit is produced in clusters; is solid and red colored inside, while the skin is pinkish green. Used for preserving. oz. 50c.; pkt. 5c.

Turnip—Fr. Navet.

One ounce will sow one hundred feet of drill.
DOBBIE'S MODEL—Pkt. 10c.
DOBBIE'S SELECTED GOLDEN BALL—Pkt. 10c. For description of these two varieties, see "Novelties and Specialties."
NEW SCARLET CASHMERE—Skin is of deep scarlet, while the flesh is pure white. oz. 10c.; pkt. 5c.
EXTRA EARLY PURPLE TOP MILAN—The earliest turnip in cultivation. Bulbs flat and of medium size, very solid white flesh and fine quality. lb. 80c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.

White and Purple Top Milan Turnip.

NEW EARLY WHITE MILAN—A counterpart of the Purple Top Milan, but with pure white skin. lb. 80c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.
ROBERTSON'S GOLDEN BALL—The best yellow for general crop. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.

Turnip—Continued.

ALTRINGHAM YELLOW—Small but good for early or late sowing. lb. 50c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.
EARLY WHITE STONE—lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.
WHITE DUTCH—Early, flat shape. lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.
WHITE STRAP LEAVED—Fine sort and of quick growth. lb. 50c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.
RED TOP STRAP LEAVED—lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.
WHITE EGG—lb. 50c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.
LAING'S SWEDE—Purple top. The best garden variety of Swede Turnip, medium size and excellent quality. lb. 30c.; ¼ lb. 15c.; oz. 10c.; pkt. 5c.
SWEET GERMAN SWEDE—Medium size and of fine flavor, and solid. lb. 50c.; ¼ lb. 25c.; oz. 10c.; pkt. 5c.
For other varieties see Agricultural Seeds.

Tobacco.

Tobacco

CANELLE — A fine flavored small Canadian variety. oz. 50c.; pkt. 5c.
SMALL RED CANADIAN — oz. 50c.; pkt. 5c. Makes fine smoking tobacco.
PERFUME OF ITALY—pkt. 10c.
PERSIAN ROSE—pkt. 10c.
CONQUEROR — oz. 50c.; pkt. 5c.
HESTER — oz. 30c.; pkt. 5c.
YELLOW MAMMOTH — oz. 40c.; pkt. 5c.
STERLING — oz. 30c.; pkt. 5c.

	oz.	pkt.
LARGE HAVANA	30c.	5c.
SMALL HAVANA	40c.	5c.
CONNECTICUT	30c.	5c.
MARYLAND	60c.	5c.
KENTUCKY	60c.	5c.
BLUE PRYOR	40c.	5c.
VIRGINIAN	50c.	5c.
WHITE BURLEY	30c.	5c.
YELLOW ORONOCO	35c.	5c.

Herbs

Sweet, Pot and Medicinal.

Herbs are for the most part Perennial, but it is best to treat them as annuals. Sow in spring in rows and thin out, the distance between plants being regulated by the height of variety, or they can be sown either in a hot-bed or open ground, and transplanted. Should be harvested in dry weather and dried in the shade. Herb seeds are mostly very fine, so that care is necessary when sowing.
ANISE—For seasoning; resembles Fennel. oz. 20c.; pkt. 5c.
ANGELICA—For seasoning. oz. 20c.; pkt. 5c.
BALM—Used for making balm tea. oz. 25c.; pkt. 5c.
CATNIP—A favorite medicinal herb. oz. 60c.; pkt. 5c.
CORIANDER—Seeds are used in confectionery. oz. 10c.; pkt. 5c.
DILL—Leaves are used for flavoring soups and sauces. oz. 15c.; pkt. 5c.

Continued on next page.

Herbs—Continued.

FENNEL—Fine for garnishing. oz. 15c.; pkt. 5c.
" **MOROSINI**—New. Large and sweet, and best sort for salads. oz. 20c.; pkt. 5c.
FŒNUGREEK—For medicinal purposes. oz. 15c.; pkt. 5c.
HENBANE—Used as an opiate. pkt. 5c.
HYSSOP—Used for medicinal purposes. oz. 25c.; pkt. 5c.
HOREHOUND—For medicinal purposes. oz. 12c.; pkt. 5c.
LAVENDER—A popular aromatic herb. oz. 15c.; pkt. 5c.
POT MARIGOLD—For seasoning. oz. 20c.; pkt. 5c.
ROSEMARY—An aromatic herb. oz. 40c.; pkt. 5c.
SWEET MARJORAM—For seasoning. oz. 15c.; pkt. 5c.
POT " —For seasoning. oz. 50c.; pkt. 5c.
SUMMER SAVORY—For seasoning. oz. 15c.; pkt. 5c.
SAVORY, WINTER—For seasoning. oz. 20c.; pkt. 5c.
SAGE—Leaves and tops of shoots are used for dressing and in sauces. lb. $1.25; ¼ lb. 35c.; oz. 15c.; pkt. 5c.
SAFFRON—pkt. 5c.
SORREL BROAD LEAVED—oz. 15c.; pkt. 5c.
SCARIOLE—Used in salads. oz. 15c.; pkt. 5c.
THYME, SUMMER—For seasoning, etc. oz. 25c.; pkt. 5c.
THYME, WINTER—For seasoning. oz. 20c.; pkt. 5c.

Miscellaneous Seeds

WILD RICE—(*Zizania Aquatica*)—Grown in marshes and swamps. Wild ducks and other water fowl feed on it. lb. 25c. If by mail 30c.
FLAX SEED—For sowing, feeding and medicinal purposes. lb. 5c.; $2 per bush., choice re-cleaned.
POP CORN—Best white. 10c. per lb.
CELERY SEED—For flavoring. lb. 50c.; oz. 10c.
PUMPKIN SEED—lb. 40c.; ¼ lb. 20c.; oz. 10c.;
GIANT RUSSIAN SUNFLOWER—lb. 10c.; 10 lbs. 75c.
EVERGREEN BROOM CORN—Per lb. 15c.; 10 lbs. $1.

Birds Seeds

CANARY—Re-cleaned. lb. 10c.
HEMP—lb. 10c.
MILLET—lb. 5c.
RAPE—lb. 10c.
MAW—lb. 25c.
LETTUCE SEED—For birds. oz. 5c.
MIXED BIRDSEED—Our Standard Mixture, fresh re-cleaned seed. lb. 10c.; 3 lbs. 25c.
MIXED SEED FOR PARROTS—lb. 10c.; 3 lbs. for 25c.
Prices for large quantities on application.

AGRICULTURAL SEEDS.

While strongly advocating the growing of Corn and the Silo system, it is a fact that many sections of the Dominion are better adapted for growing roots than Corn, and, even where Corn can be successfully grown, we advise the sowing of roots as well. Both are best. The sowing of the BEST QUALITY of seeds is of the utmost importance, but the Farmer has to do his part also, and success with root crops need not be expected unless the land be thoroughly and deeply cultivated, and from twenty to thirty loads of stable manure applied the previous fall (or is equivalent in artificial manures) per acre.

Add 5c. per lb. for Canada and 16c. per lb. for the U. S. and Newfoundland, if ordered by mail.

Carrot—Fr. Carotte. CLEAN RUBBED SEED.

Field Varieties.

Carrot Seed, if sown when the soil is cold, germinates slowly, so that it is best to allow the warm spring weather to have set in before sowing. When sowing be careful to roll the drill, or in some way "firm" the soil round the seed. Four pounds of seed will sow an acre.

HOPKIN'S MILVERTON WHITE—A new and improved form of white Carrot. It is longer than any variety of Intermediate Carrot, and though the shoulder is hardly so large it does not taper so quickly and produces an enormous crop of very heavy roots. It grows well out of the ground and is thus easily lifted. $1.50 per lb.
IMPROVED INTERMEDIATE WHITE—No better field carrot can be found, either for crop, feeding quality or ease in harvesting. It is smooth, handsome in shape, seldom exceeds 15 inches in length, with a broad heavy shoulder, gradually tapering to a point. lb. 40c.; ¼ lb. 15c.
SHORT WHITE VOSGES—It differs from preceding variety in being rather shorter, but is broader at the top, and retains its thickness more to the point. Is a remarkably heavy yielder. lb. 35c.; ¼ lb. 15c.
GIANT GREEN TOP WHITE—An improved White Belgian, the roots being much heavier than the ordinary White Belgian, though hardly so long, and are of finer texture. lb. 50c.; ¼ lb. 15c.
WHITE BELGIAN—A long white variety, the root growing well out of the ground. Succeeds well on light deep soils. lb. 30c.; ¼ lb. 10c.

Carrot—Continued.

YELLOW BELGIAN—Solid, but not large. lb. 60c.; ¼ lb. 20c.
GREEN TOP ORTHE—Medium in size between Vosges and White Belgian. lb. 50c.; ¼ lb. 15c.
HALF LONG DANVERS IMPROVED—Heaviest cropping red variety. lb. 70c.; ¼ lb. 25c.; oz. 10c.
LONG ORANGE—lb. 60c.; ¼ lb. 20c.
NEW YELLOW INTERMEDIATE—An excellent field variety, yielding a heavy crop; roots are a rich yellow color and very nutritious. lb. 75c.; ¼ lb. 25c.

Mangel—Betterave a Vache.

Golden Tankard Mangel.

When ordered to be sent by mail, add 5c. per lb. on Mangel, Carrot and Beet, for Postage.

GIANT YELLOW INTERMEDIATE—Is generally considered the best variety. Is a heavy cropper. Roots are solid, beautifully colored, rich in feeding qualities, and it is a splendid keeper. lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

LONG RED MAMMOTH—The most popular variety for general crop, is a heavy yielder and keeps well. lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

LONG RED—lb. 15c.; ¼ lb. 10c.; 4 lbs. 50c.

LONG YELLOW—lb. 20c.; ¼ lb. 10c.

LONG WHITE—lb. 25c.; ¼ lb. 10c.

GOLDEN TANKARD—A fine medium sized variety of splendid quality; very solid. lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

BERKSHIRE PRIZE YELLOW GLOBE—One of the best globe varieties. lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

WARD'S LARGE OVAL SHAPE—Splendid quality and very solid. lb. 20c.; ¼ lb. 10c.

RED GLOBE—lb. 18c.; ¼ lb. 10c.

YELLOW GLOBE—lb. 15c.; ¼ lb. 10c.; 4 lbs. 50c.

Nothing will maintain the general health of Dairy stock and improve the quality and increase the yield of Milk more than a daily feed of **Mangel** along with proper proportions of Hay, Ensilage, Ground Grain, etc.

We call the attention of farmers to our selected stocks of **Golden Tankard, Giant Yellow Intermediate and Mammoth Long Red** as being particularly fine. Five pounds will sow an acre.

Rape—Fr. Navette.

RAPE. BROAD LEAVED ESSEX—Rape is of easy culture, and can either be sown at the rate of 2 lbs. per acre, in drills, and cultivated in the same way as Turnips, or may be sown broadcast (but only when the land is clean), at the rate of 5 lbs. of seed to the acre. In order to get a full paying result in either case, the land should be well manured. It can be sown any time in June or early in July, so that its advantages as a "catch" crop are apparent. The best way is to feed it off the field, with sheep or hogs, and there is nothing that will fatten lambs in the fall so well and so cheaply as Rape will. lb. 10c.; in lots of 10 lbs. 70c.; 25 lbs. $1.50; per 100 lbs. $6. By mail add 5c. per lb. for Canadian postage.

Green Top White Sugar Beet.

Sugar Beet—Fr. Betterave Sucre.

When ordered to be sent by mail, add 5c. per lb. on Mangel, Carrot and Beet, for Postage.

Since the introduction of the Danish varieties the use of Sugar Beet for Dairy Cattle has been yearly on the increase. The Danish Beet is much larger than the old Sugar varieties, and not being so "rooty," can be as easily harvested as Mangel, and containing a larger amount of saccharine matter, are thus more nutritious. Cultivate the same as Mangel.

QUEEN OF THE DANES—This "Royal" variety is without doubt the best of all the Red Danish Sugar Beets, both in size and nutritive value, and will grow nearly as heavy a crop as Mangel. In shape it is something like Giant Intermediate Mangel, with a very heavy shoulder tapering gradually to a point, and is of a rosy color above ground. Is largely used in the production of the Dairy products of Denmark, and in order that Canada should compete successfully with that country, we should feed to our Dairy

Sugar Beet—Continued.

Cattle, as nearly as possible, similar foods. lb. 25c.; ¼ lb. 10c.; 4 lbs. 80c.

GREEN TOP WHITE SUGAR BEET—A large variety extensively grown for feeding stock. lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

RED TOP SUGAR BEET—Somewhat smaller than preceding, but of richer quality. lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

Turnip—Fr. Navet.

If ordered by mail add 5c. per lb. for Canadian postage or 16c. per lb. to Newfoundland or U. S. A.
Four pounds of seed are usually sown per acre.

Yellow and White Varieties.

These do not keep so well as the Swedes, but can be sown later, and are heavy yielders.

	Per lb.	Per ¼ lb.
GREEN TOP YELLOW ABERDEEN	25c.	10c.
PURPLE " " "	25c.	10c.
PURPLE TOP MAMMOTH	25c.	10c.
WHITE GLOBE	25c.	10c.
GREY STONE	25c.	10c.
WHITE NORFOLK	25c.	10c.
RED TOP STRAP LEAF	35c.	15c.

In 4 lb lots 80c

Swedish Turnip—Fr. Chou de Siam.

Mammoth Clyde Purple Top Swede.

MAMMOTH CLYDE PURPLE TOP—This variety we can highly recommend. It produces roots of wonderful smoothness and size, and the flesh is remarkably solid and of fine quality. Per lb. 25c.; ¼ lb. 10c.; 4 lbs. 85c.

Swedish Turnip—Continued.

DRUMMOND'S SELECTED PURPLE TOP—Our stock of this variety we have imported from the *original introducer*. We recommend it as being one of the best varieties, owing to its size, superior quality and fine texture of flesh. Per lb. 25c.; ¼ lb. 10c.; 4 lbs. 80c.

ELEPHANT—This fine Tankard-shaped Swede is probably the largest in cultivation. Per lb. 20c.; ¼ lb. 10c.; 4 lbs. 70c.

KANGAROO—A new variety of the Elephant type and a great yielder. lb. 25c.; ¼ lb. 10c.; 4 lbs. 80c.

CARTER'S IMPERIAL PURPLE TOP—Very productive. Per lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

SUTTON'S CHAMPION PURPLE TOP—Recommended for general crop; handsome shape and good keeper. Per lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

BANGHOLM PURPLE TOP—A fine even cropper. Per lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

SHAMROCK PURPLE TOP—Large, handsome oval shaped variety, and a fine keeper. Per lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

SKIRVING'S PURPLE TOP—A large root and good keeper. Per lb. 20c.; ¼ lb. 10c.; 4 lbs. 60c.

GREEN TOP SWEDE—Handsome shape and good for table use. A splendid keeper. Per lb. 25c.; ¼ lb. 10c.

LAING'S IMPROVED PURPLE TOP—A distinct variety of medium size and small top. Best table Swede, and in very dry seasons produces as heavy a crop as larger sorts. Per lb. 30c.; ¼ lb. 10c.; pkt. 5c.; 4 lbs. $1.

SWEET GERMAN—Medium size, fine flavor and solid flesh; for the garden. Per lb. 50c.; ¼ lb. 20c.; pkt. 5c.

Kansas Stock Melon.

Extensively grown in Colorado and Kansas for feeding stock. The Melons grow to a large size, and keep well for winter feeding. Said to be an excellent feed for hogs and cows, and succeeds best in hot dry seasons. pkt. 10c.

General List of Grasses.

No farmer can afford making the serious mistake of sowing inferior seed—it is the worst sort of extravagance. Using small or immature and weedy Clover and Timothy results in unprofitable crops of hay and pasture and what is far worse, a plentiful after crop of pernicious weeds, that occupy and rob the land, and make paying crops impossible; no system of Farming can be profitable unless full crops are obtained.

In this connection we are pleased to note that the Department of Agriculture, by the means of lectures and publications, are impressing on farmers the wisdom of only sowing good pure seed of all kinds. The advantage of doing so is so self-evident, that we cannot understand how any one of ordinary intelligence would do otherwise. It seems, however, that the Government is of opinion, that education is not sufficient, but that legislation also is necessary. We hope that if any Bill to regulate the selling of Seeds becomes law, that it will be fair to all concerned, and no loopholes left for the dishonest or unscrupulous to creep through. That, in short, it will be a practical, workable bill, and in no respect invidious. The evil should be attacked at the fountain head. It should be as much a criminal act for a farmer to save seed from foul land and sell it to his neighbours, as for any country merchant, or wholesale seed merchant to do so. Before the law all men are, or should be, equal. Legislation on any other lines, will never banish weeds from the country, and would be unfair. For many years we have made it a strict rule only to retail the very best qualities of seed obtainable, *and no other*—and should a Farmer wish to buy from us inferior and low priced seed, *we simply will not sell it to him.* This. we consider the most effective plan to protect the Farmer in his seed purchases. In

Grasses—Continued.

our own experience, however, with the class of men we have to deal with, it requires but little argument to convince them that "poor seed is dear seed, if got in a gift."

Choice Timothy and Clover does not only mean seed entirely free from weeds—this it may be, just as it comes from the thrashing mill—and still 25 p.c. of the weight be immature, light grains, sand, etc., that will not vegetate and is thus worthless. Choice seed should not only be free from weeds, but be bright, of a high percentage of growth and every grain uniform in size. This kind of seed, if covered uniformly, will all sprout at the same time, and produce vigorous plants, thus insuring the best results in yield of hay or pasture. Such seed we offer to our patrons and assure them that the cost *per acre* is but little more than common stuff. In order to send out clean seed, the Seed Merchant must have machinery capable of effecting this, and for years we have given this matter our closest attention. We use the latest invented and most perfect cleaning machinery, so that we are able to serve those who favor us with their orders, properly.

Farmers to whom it is inconvenient to deal direct with us, should ask their storekeepers for **Ewing's re-cleaned Grass and other Seeds, and be sure that they get them.**

Timothy.

TIMOTHY—(*Phleum pratense.*)—10c. per lb.; quotations per bushel on application, **and when any customer wishes a written guarantee of the purity and growth of Clover and Timothy Seed,** we shall be pleased to give it. Write for prices and samples.

Unhulled Timothy Seed, such as is produced in the Province of Quebec, we handle largely, as well as the best grades procurable in Ontario and the United States. With our improved machinery for cleaning and grading, we are in a position to offer samples of the very finest quality.

KENTUCKY BLUE GRASS—(*Poa pratensis*)—15c. per lb.

A fine pasture grass, which thrives best on dry gravelly soil. Yields a large quantity of herbage very early in the season; its extreme earliness and the close sod it forms makes it very valuable in permanent pastures, or lawns.

CANADA BLUE GRASS—(*Poa compressa*)—Resembles the preceding, excepting that the stem hardly grows so strong. One of the best varieties for lawns; makes an excellent pasture; most suitable for high dry land. 10c. per lb.

RED TOP—(*Agrostis vulgaris*)—10c. per lb Fancy for lawns. 15c. per lb.

A native Grass suitable for permanent pasture; forms a close sod and succeeds best on moist soil. Should be kept eaten close, so as to prevent its running to seed, the seed stalks being unpalatable to stock.

CRESTED DOGSTAIL—(*Cynosurus cristatus*)—50c. per lb.

Useful for pasture, and thrives well on almost any sort of soil. The flower stalks are not eaten by cattle, but all animals are fond of the root leaves.

SHEEP FESCUE—(*Festuca ovina*)—25c. per lb.

Best adapted for gravelly or sandy soils. Grows in tufts, and a small portion of it is of great advantage in permanent pasture, especially where sheep are kept. Very useful for dry uplands or rocky pastures.

HARD FESCUE—(*Festuca duriuscula*)—25c. per lb.

Is a fine pasture grass, and does well in most kinds of soil, but especially on such as are light and dry. Is of dwarf growth, with fine foliage, and forms a close sod.

ORCHARD—(*Dactylis glomerata*)—20c. per lb.; per 100 lbs. $17.50.

A valuable grass for hay or pasture, on account of its large yield and ripening at same time as clover. It is, however, best to sow it alone for a hay crop, and a special advantage it has, is, that it is ready for cutting a fornight or three weeks earlier than Timothy. It is not suitable for thin dry soils, but grows well on any other, and under the shade of trees. For hay it should be cut on the green side. No other grass after being mown or eaten off, grows so quickly again.

Orchard Grass.

Grasses—Continued.

ENGLISH PERENNIAL RYE GRASS—10c. per lb.
Is the staple grass used for hay in Britain, as Timothy is in this country. A portion may be used in Pasture Mixtures, on account of its early and strong growth.

MEADOW FOXTAIL—(*Alopecurus pratensis*)—30c. per lb.
A strong growing permanent grass, the flower stalks resembling Timothy. Is remarkable for the great quantity of leafy herbage it produces, in proportion to the quantity of stalk. Succeeds well on almost any kind of soil.

MEADOW FESCUE—(*Festuca pratensis*)—15c. per lb.
Though of strong growth the herbage is always tender and succulent, and it makes a fine quality of hay as well as pasture. Succeeds well on heavy loams or clay. A particularly valuable grass which we strongly recommend.

TALL FESCUE—(*Festuca Elatior*)—30c. per lb.
Is a tall, coarse growing grass, and is valuable for hay on damp soils.

WOOD MEADOW GRASS—(*Poa nemoralis*)—50c. per lb.
Is suited to almost any variety of soil, is very early, and succeeds better under trees than any other grass.

TALL MEADOW OAT GRASS—(*Avena Elatior*)—25c. per lb.
A strong growing grass, doing well on all sorts of soils.

AWNLESS BROME GRASS—(*Bromus Inermis*)—A valuable grass for light dry soils. In Manitoba, it has given the best of satisfaction, and on dry soils anywhere will succeed equally well, and is adapted either for hay or permanent pasture. Its roots being difficult to kill, it is advisable to use it only for permanent hay or pasture. 15c. per lb.; per 100 lbs. $13.

Prices for large quantities of Grasses on application.

Clover

WESTERN RED or EARLY RED—Per lb. 15c.

LONG LATE RED or MAMMOTH RED CLOVER—Is preferable to the preceding for hay as it grows stronger and ripens later. Per lb. 16c.

LONG RED RAWDON—Similar to the Mammoth. Per lb. 18c. Scarce.

CRIMSON—(*Trifolium incarnatum*)—Grows rapidly in the beginning of the season. If sown on pasture or hay land, just as the snow is going, will produce in ordinary years, a paying crop of pasture. Is not hardy here. Per lb. 10c.

WHITE DUTCH—(*Trifolium repens*)—Valuable in all pasture mixtures, forming, in conjunction with pasture grasses, a fine close sod. 25c. per lb. Extra choice for Lawns. Per lb. 30c.

ALSIKE—(*Trifolium hybridum*)—A hybrid between white and red clover. Makes a nutritious fodder and succeeds in low lands better than any other clover. We recommend it to be mixed with either the Western Red or Mammoth, in the proportion of two to five lbs. in all hay mixtures. Per lb. 15c.

YELLOW—Trefoil or Hop Clover. Well adapted as a mixture with other clovers and grasses for pasture, especially for Sheep. Per lb. 15c.

BOKHARA—(*Melilotus albus*)—Sweet-scented, valuable for bees. Per lb. 25c.

LUCERNE or ALFALFA—(*Medicago sativa*)—Yields enormously, and is a sweet and highly nutritious fodder. Should be sown in well-drained soil, with a naturally free and dry subsoil, at the rate of 20 to 25 lbs. per acre and mown frequently during the season. Per lb. 20c.

Prices for large quantities on application and when desired will quote samples Guaranteed as to growth and purity.

Add 5c. per lb. to above prices for Canadian postage, if ordered to be sent by mail.

EWING'S
Standard Lawn Grass.

The large and ever increasing demand for **Our Standard Lawn Grass Mixture** is the best guarantee we can offer of its value. We do not say that it is "the finest mixture ever offered to the public," but we are justified in saying that there is none better. We use only those varieties of Grasses that are suitable to our Canadian climate, and only the finest qualities of these.

In making a new Lawn it is of the utmost importance that the ground should be free of weeds, and to attain this end a thorough summer fallowing is the best method. Before sowing, the ground should be carefully raked, and then sown evenly, and lightly raked in, after which it should be well rolled or "tamped" down with the back of a spade. New manure should never be used, on account of the numerous weeds which it is sure to produce. Special prices for **Mixed grasses for Golf grounds.**

Ewing's Standard Lawn Mixture, 25c. per lb.
Special Lawn Mixture, 20c. per lb.
About 60 lbs. Seed is required to sow an acre of Lawn.

EWING'S GOLF "PUTTING GREEN" MIXTURE—Composed only of those grasses that form a close, even sward. Per lb. 25c.

By mail, add 5 cents per pound for Canadian postage. Special quotations for large quantities, or for special mixtures.

Lawn Dressing.

ALBERT'S THOMAS PHOSPHATE POWDER is a perfect fertilizer either for **New Lawns or Golf Links** or for top dressing old ones, and this should be done in the Fall, or early in Spring. It will give the grass a dark green, luxuriant appearance, without risk of sowing the seeds of noxious weeds, unavoidable when top dressing with barnyard manure. Per 100 lbs. $1.50; 25 lbs. 50c.; 5 lbs. 15c.

Pasture Grasses

Ewing's Standard Pasture Mixture.

Contains our special mixture of grasses and clovers of the best and purest qualities, for **Permanent Pasture. PRICE PER LB. 14 CTS.**

Pasture Grasses—Continued.

No. 2 Pasture Mixed.

This Mixture will give a crop of hay the first season, and will afterwards make permanent pasture. **PRICE PER LB. 13 CTS.**

In using the above mixture, 25 to 30 lbs. are required to sow an acre, when sown with grain.

NOTE—When mixed grasses to sow 5 acres or more are required, we give special quotations on application.

Ensilage Corn

INDIAN CORN is better adapted for Ensilage than any other Forage plant, because it produces, per acre, more succulent food and at a less cost.

It is evident that the variety has much to do with the profit resulting from the Siloing of Corn. We mean by that, that the weight of crop per acre regulates the cost per ton of the Ensilage, so that the varieties that will produce the most tons per acre, and at the same time, are **sure to be ripe enough for the Silo before frost comes,** are the most profitable. Location and time of sowing has to be taken into account. If not sown till well on in June, sow an early Flint Corn, in most sections of the Dominion. If sown middle of May, a taller and later sort would be most profitable. There are many varieties of Dent Corn that, even in the Province of Quebec, are certain to come to the right stage of maturity for Siloing, and that will produce from a quarter to a third more than the Flint Varieties. We therefore suggest to those who, in the past, have only grown Flint Corn, that they should try some of the early Dent varieties.

One very important point to be observed in sowing Corn is this, that **the distance apart in rows or hills should be regulated by the height the variety naturally grows,** and if 3 feet or 3½ feet apart is the proper distance for a tall growing sort like **Red Cob,** a ½ foot less would be equally right, for, say Sanford, Compton, Longfellow, or most of the Sugar varieties.

There is certainly a difference in weight per acre between the tall growing Dent varieties and the early Flint sorts, but when the drills of the latter are a foot narrower, the difference in favor of the tall growing sorts is not so much as might be expected.

We still continue to recommend **Sugar Corn** for Ensilage. There is no doubt but that it is more nutritious than either **Dent** or **Flint** varieties can possibly be. It certainly is much better than either for feeding green, as cattle will not eat up clean the butts of any but **Sweet Corn.**

Dent Varieties.

Note.—In comparing ours with western prices, please note that the difference in freight, **in favor of Montreal,** to points in eastern Ontario, Quebec and all the Lower Provinces, amounts to 10c. per bushel on the average.

NORTH STAR—A new yellow Dent variety, a strong grower, very early and altogether one of the best sorts for Ensilage. Per bushel $1.10.

CLOUD'S EARLY YELLOW—Strong growth and early. Is highly thought of for Ensilage. Per bush. $1.

KING OF THE EARLIEST—Is one of the earliest varieties. Will produce ripe ears. 8 to 9 ft. Bush. $1.

EARLY BUTLER—Ripens early and produces a good crop of shelled corn or Forage. 8 to 9 feet. Bush. $1.

EXTRA EARLY HURON—Is as early in maturing as the Flint varieties, and thus suitable for late sowing. We highly recommend it. 8 to 9 feet. Bush. $1.

CHAMPION WHITE PEARL—Medium early, white of branching habit and profuse foliage, with numerous large sized ears. We strongly recommend it. 11 feet. Bush. $1.10.

Ensilage Corn—Continued.

NEW WHITE CAP YELLOW—Is early, grows heavy leafy stalks, while the ears are as large as the average Dent Corn, more numerous, and much fuller at the points. In a dry year, or on poor soil, none will yield better. 10 feet. Bush. 90c.

IMPROVED YELLOW LEAMING Large ears with long, bright, yellow kernels, on a small cob. Matures early, and has a strong, leafy stalk. We highly recommend it. 10 ft. to 11 ft. Bush. $1; Ordinary Leaming, 90c. per bushel.

PRIDE OF THE NORTH — (Golden Yellow Dent.)—Matures early, and is a heavy cropper. 10 feet. Bush. $1.

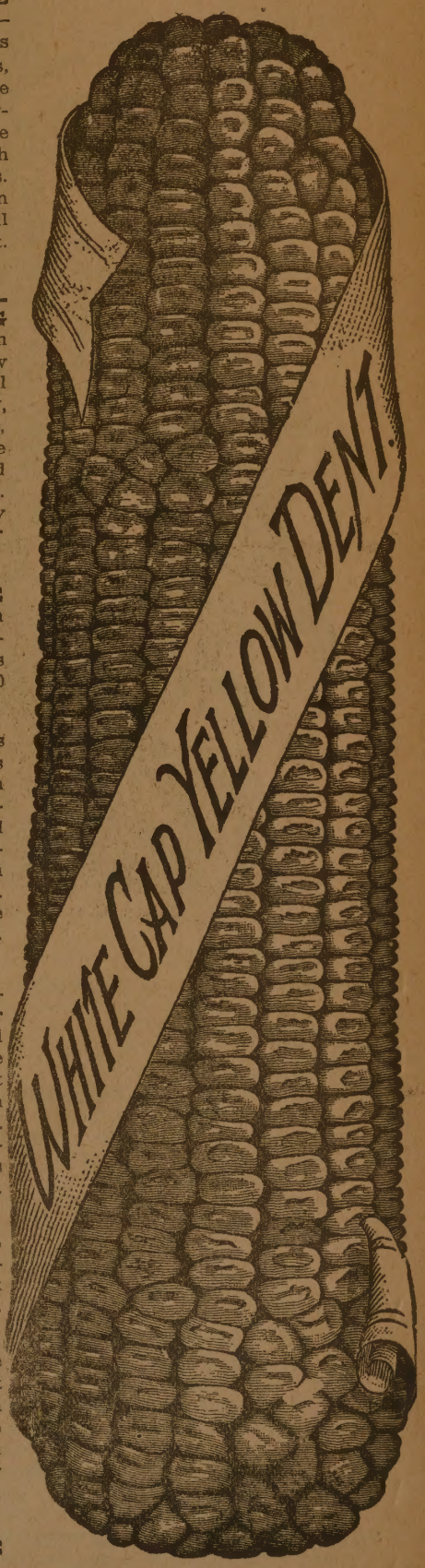
RED COB—Grows rapidly and yields heavily, and if sown early and the season is favorable will produce fully developed ears, when sown thin enough. Our stock is pure Red Cob. 11 to 12 ft. Bush. 90c.

CUBAN GIANT—While 10 days earlier than Red Cob, and possessing the same rank luxuriance, it produces much sweeter Forage. We offer either *yellow* or *white* in this variety, 11 ft. Bush. $1.

GIANT SOUTHERN WHITE—Strong grower, but late, 11 to 12 feet. Bush. 80c.

MASTODON — The largest eared Dent Corn. Is much in demand in the United States and we recommend it for trial in Canada. Bush. $1.10.

YELLOW HORSE TOOTH—10½ feet. Bush. 80c.



Ensilage Corn—Continued.

Cuban Giant Dent Corn.

Sugar or Sweet Varieties.

MAMMOTH BLACK MEXICAN—Makes a fine quality of Ensilage. Is early and of leafy habit, producing ears in great profusion. 8c. lb.; $6 per 100 lbs.

PERRY'S HYBRID—Medium in height and earliness. 8c. lb.; $6 per 100 lbs.

SUGAR FODDER or EVERGREEN SUGAR—Is a heavy cropper, and makes splendid Ensilage. Is fine for fall feeding. 9½ feet. 4½c. per lb.; $4 per 100 lbs.

MAMMOTH—Similar to preceding, but hardly so tall. No variety of Corn exceeds it in the number of ears it produces. We recommend it strongly. 5c. per lb.; $4.50 per 100 lbs.

Flint Varieties.

SANFORD—White Flint. Strong growth, and *sure* to ripen its ears sufficiently to make the best sweet tasted Ensilage. In some sections of the Province of Quebec this variety is almost exclusively grown, and gives the highest satisfaction. 8 feet. Bush. $1.15.

EARLY LONGFELLOW—An early yellow Flint Corn; one of the very early varieties, either for Ensilage or ripe corn. 8 feet. Bush. $1.10.

EARLY COMPTON—Early Yellow Flint. Produces a good crop of fodder, and a reliable sort to produce ripe ears. 8 feet. Bush $1.20. Scarce.

SALZER'S NORTH DAKOTA—This white variety has become very popular. It grows a heavier crop of forage than any of the early Flint sorts, has larger ears and is sure to ripen sufficiently for the Silo. 8 feet. Bush. $1.15.

Corn—Continued.

ANGEL OF MIDNIGHT—Early yellow sort, of medium height. Ears are long and thinner than most other Flint varieties. 7½ feet. Bush. $1.10.

CANADA YELLOW—The ordinary yellow early corn of the country, which is sure to produce ripe ears. 7 to 8 feet. Bush. $1.10.

Canada White Flint Corn.

CANADA WHITE—Flint. Sure to ripen, and is also good for Ensilage. Has larger ears than the two preceding sorts. 7 to 8 feet. Bush. $1.15.

No grower of Ensilage should confine himself to one variety, but **should sow 3 or 4 sorts,** for the variety that succeeds best one season may not be so satisfactory the next, and vice versa.

Corn suitable for seed, is so scarce this year again, that we cannot guarantee foregoing prices for any length of time, nor can we be certain to have stock of all varieties offered, during the whole season. Will be pleased at any time to give quotations for large quantities.

Miscellaneous Forage Plants

BEANS, EARLY SOJA—Used for cutting green for stock feeding, commencing to cut when blossoming, but for Ensilage, the pods should be well filled. For the latter purpose it can be used as a substitute for Horse Beans, in the Robertson mixture. Sow at the rate of 30 lbs. per acre in rows 2½ feet apart, and leave 8 plants to the running foot; can be used as a soil enricher, same as Clover. 10c. per lb.

Miscellaneous Forage Plants—Continued.

HORSE BEANS—Bush. $2.
The beans are either boiled and fed to horses, or ground into meal for cattle, and no grain will produce more beef or milk, while the straw is as good as Timothy hay for horses. Sow in drills—30 inches apart—1½ bushels per acre, in well manured clay land or heavy loam, if possible.

CHOU MOELLIER—COW CABBAGE or MARROW-STEM KALE—Cultivate same as Cabbage. The leaves on the stalks, and the stalk itself make good feed for dairy cattle. lb. $1.50; ¼ lb. 50c.; oz. 20c.

SUGAR CANE, EARLY AMBER—All kinds of stock relish it, and, as it is a heavy cropper and very nutritious, is becoming popular. Can either be sown in drills or broadcast, and fed green or dried. If cut when 2 feet high, will give several cuttings during the season. Sow 10 lbs. per acre, in drills and 25 lbs. broadcast. 10c. per lb.; $6 per 100 lbs.

SUGAR CANE, EARLY ORANGE—Later than preceding, but produces a heavier crop. 10c. per lb.; $6 per 100 lbs.

Mammoth Russian Sunflower.

SUNFLOWER—(Mammoth Russian)—Largely used for the Robertson combination of Ensilage and for poultry food. Sow in drills at the rate of 7 lbs. per acre. Per lb. 10c.

KAFFIR CORN-RED—Grows 4 to 5 feet high and should be sown in drills 2½ feet apart. Is very leafy and makes fine feed either green or dry. It will give better results on poor land than any other Forage plant. Sow 5 lbs. to the acre in drills and 25 lbs. broadcast. 10c. per lb.; 5 lbs. 30c.; 100 lbs. $3.

LUCERNE OR ALFALFA—See Clovers.

MILLET, COMMON— } Make rapid growth. Leafy and
" **GERMAN**— } abundant foliage. Market price.
" **JAPANESE PANICLE**—Strong leafy growth with spreading head and dark shiny seeds. Produces the heaviest crop of Forage of any variety of Millet. Per lb. 10c.; 10 lbs. 80c.; 25 lbs. $1.75.

HUNGARIAN GRASS—Stands drought well, and will produce a paying crop on poor soil. Market price.

RAPE—See Agricultural Root Seeds.

SAINFOIN—A popular forage plant in Europe. Succeeds fairly well here, producing very early forage. lb. 15c.

SOUTHERN COW PEA—Sow in May, 90 lbs. per acre, broadcast; when full grown it can either be plowed in to enrich the soil with nitrogen, or cut for green feed. lb. 8c.

YELLOW MILO MAIZE OR DOURO—Grows 9 to 10 feet high and is of branching habit, producing a heavy crop of fodder, that is much relished by stock. Sow 5 lbs. per acre in drills. 12c. per lb.; $9 per 100 lbs.

Miscellaneous Forage Plants

Continued.

Tares or Vetches.

Hungarian Grass.

TARES OR VETCHES—Very valuable as a green fodder for horses or milch cows, and can be sown as soon as the snow goes, and is the earliest fit for use of any spring sown forage plant. Bush. $1.50; price variable. For large quantities, write for quotations.

SAND or HAIRY VETCH—15c. per lb.; $1.25 peck; $4.50 bush.

SEED GRAIN

Note.—In comparing our quotations for grain, etc., with western ones, please note the difference in freight, **in favor of Montreal,** to all points in Eastern Ontario, Quebec, and all the Lower Provinces. Prices variable. **For large quantities please write for special quotations.**

It would be difficult to compute the annual loss to the Dominion resulting from the sowing of low grade seed grain. It is astonishing how little attention is paid to remedying this unfortunae state of affairs by the average Farmer, who goes on year in and year out, and in many parts of the country from generation to generation, without ever thinking it necessary to make a change of seed, or to properly clean the grain he sows. The inevitable result of this continued course of bad farming is that the Oats, Barley, Wheat, etc., get "run out," as the saying is, and yield crops that do not pay for the growing. We shall be pleased to quote and send samples of seed grain of the various varieties offered in this catalogue. By careful selection of the earliest and plumpest grains, when growing, and sowing these, great improvement can be made on the yield of Cereals, though at great trouble and expense. When, however, selection in this way is inconvenient, nearly the same result can be obtained by powerful machinery, and strong winnowing, at less cost, and we hope our farmer friends will note this suggestion and act on it.

BARLEY-DUCK BILL—This large grained and handsome 2 rowed variety is a great improvement on the common 2 row, in plumpness of grain and stiffness of straw; and it also yields better. Per bushel 90c.
" **TWO-ROWED**—Per bushel 90c.
" **FOUR OR SIX-ROWED**—Four or six-rowed Barley will give better results on light or poor soils than will two-rowed. Per bushel 75c.

Continued on next page.

Seed Grain—Continued.

BARLEY ODESSA—A very heavy cropping six-rowed sort—none better. We strongly recommend it. Bush. 80c.

" **MENSURY**—This six-rowed variety is an enormous yielder. The straw is strong and stands up well; is the heaviest yielding variety we know of. Bush. 80c.

" **WHITE HULLESS**—Has neither beards nor hulls, yields heavily both in bulk and weight per bushel, on all kinds of soil. For stock feeding it is of great value. $1.30 per bushel 60 lbs.

" **BLACK HULLESS**—Very similar in appearance to preceding, except in color. $1.20 per bushel 60 lbs.

SPELTZ—Is being grown in Canada to a limited extent, and though not bearing out the extravagant claims for productiveness made for it, trials of last year have proved that it can be grown profitably, to be used ground for stock feeding. lb. 5c.; 5 lbs. 20c.; bush. 85c. (40 lbs.); 5 cts per lb. for postage.

BUCKWHEAT, NEW JAPANESE—Is the most productive variety grown. Kernels are much larger than the ordinary sorts. It has given great satisfaction. 85c. per bushel.

" **COMMON, OR BEECH NUT**—The well-known variety. 85c. per bushel.

" **SILVER HULL**—85c. per bushel.

BEANS—WHITE MARROWFAT—Per bushel $2.50.

" **WHITE PEA**—$2 per bushel.

HORSE BEANS—See Miscellaneous Forage Plants.

CORN—See pages 35-36.

Oats

WAVERLEY—A variety recently introduced from England and is taking a leading place in Canada. Very thin skin while the kernels are large and well flavored making it a favorite sort for milling purposes. Strong straw. Per bushel 65c.

TWENTIETH CENTURY—An extra heavy cropper. Grain is heavy with thin hull and straw is strong. Is one of the best oats in cultivation. Per bushel 65c.

SENSATION—Very early. Stiff straw with long open head, pyramidal in form, a great cropper. Per bushel 60c.

NEW MARKET—Has given great satisfaction since introduced from England and is now recommended as being one of the best all round varieties in cultivation. Strong straw and heavy grain. Per bushel 60c.

CANADIAN PRIZE—This new sort has given the greatest satisfaction to all who have tried it. It produces heavily, grain is of extra quality as to weight and plumpness, and altogether it is a fine sort and well worthy of a trial. Per bushel 65c.

We direct special attention to the preceding five new or recently introduced varieties. All are valuable and should receive a careful trial which we are sure would be satisfactory.

LIGOWA—Has done remarkably well in Canada. Strong straw and very early. 60c. per bushel.

WHITE DANISH—A heavy cropper. Grain is large and plump, while the straw is stiff and not subject to lodge. 60c. per bushel.

LINCOLN—Early and has so far proved itself **rust proof.** Thin hull and plump kernel. **Per bush. 65c.**

SIBERIAN—Its great productiveness has caused it to become one of the most popular sorts. Bush. 55c.

EARLY GOTHLAND—Matures early and grain is extra heavy. Straw is tall, but stiff. Bush 60c.

NEW BLACK GOANETTE—Grain weighs as much per bushel as the heaviest of the white sorts. Bush. 60c.

BLACK TARTARIAN—The best variety for peaty or mucky soil, but succeeds well on all sorts of land. Bush. 55c.

AMERICAN BANNER—One of the heaviest cropping white varieties in cultivation, has given the best of satisfaction to every one growing it. Medium early. Bush. 55c.

CANADA WHITE—Market price.

Any of the foregoing varieties of Oats postpaid by mail, 5 lbs. for 50c.

Peas

We do our best to procure seed peas free from weevil—but this is getting more difficult from yar to year.

CANADA WHITE—Per bushel $1.15.

BLACK EYE AND WHITE MARROWFAT—Per bush. $1.40.

GOLDEN VINE—A good yielder. Per bush. $1.20.

PRINCE ALBERT—Early and productive. Per bush. $1.20.

BLUE PRUSSIAN—The most profitable to raise to sell for cooking purposes. Per bush. $1.40.

CANADIAN BEAUTY—A fine large pea and very productive. Per bush. $1.25.

GRASS PEA—The pea weevil does not affect this sort, and it produces very good crops, but can only be used for feeding stock. $1.20 per bush.

Wheat

Spring Varieties.

PRESTON—This new wheat is the result of crossing the Red Fife on the Ladoga. It is red bearded with strong straw; grain is of average size, but *plump and hard*, and ripens with White Russian. No variety will produce more and few so much. Per bush. $1.30, per peck 50c.; post paid 4 lbs. for 50c.

WHITE RUSSIAN AND LOST NATION—Well known bald varieties. $1.25 per bush.

RED FIFE AND WHITE FIFE—Standard bald varieties. Manitoba grown. $1.25 per bushel.

BLUE STEM FIFE—Grain of a dark amber color, bald, and claimed to be equal to the Fife in quality, but a heavier cropper. Bush. $1.25.

WILD GOOSE—A very productive and hardy white bearded variety. Grain hard and flinty; best sort to raise for feeding stock. $1.10 per bush.

COLORADO RED BEARDED—Early, and a grand yielder. Bush. $1.15.

CARLETON WHITE BEARDED—Early, grain plump and a great yielder. $1.15 per bush.

Fall Wheat

CLAWSON, GARFIELD and other fall varieties. Market price.

Rye

SPRING—Per bush. $1.

FALL—Per bush. $1.

Special prices for large quantities of Seed Grain.

2 bushel Seamless Cotton bags. 20c. each.

Lincoln Oats.

Please note that the Flower Seed List is divided into two parts. In the first is enumerated **Annuals** and **Biennials**, including **Greenhouse Flowers** which are raised from seed. Then succeeding this is a complete list of **Hardy Perennial** or **Herbaceous Plants** that are grown from seeds, all alphabetically arranged. It will be noted that the latter is a very extensive and complete list, more so than any American or Canadian one we know of, and we trust our customers will look carefully through it when making up their orders and will find the arrangement will aid them.

From the following comprehensive list we think a selection can be made to please the most fastidious lover of flowers. In encouraging the culture of flowers from seed we would statethat many of the Tender and Half Hardy, and all the Hardy Annuals, can be grown to great advantage by sowing where they are intended to bloom, early in May, instead of in hot beds or in the house.

In ordering Flower Seeds it is only necessary to give the number opposite each variety.

Hints on how to raise Flowers from seed

Soil.—A medium rich porous soil produces the best blooms.

Sowing.—Remarks more specially apply to annuals, which include a large proportion of the most brilliantly colored summer flowers and that bloom and die first year from sowing. Never sow seed in the open ground till the soil is warm, nor when it is very wet. Rake the patches perfectly smooth where seeds are to be sown, and after sowing cover with sand or finely sifted light soil. Small seeds require the least possible covering and larger ones more, in proportion to size —2 or 3 times the diameter of seeds being sufficient. If sown in a bed, afterwards to be transplanted where intended to bloom, make rows 6 inches apart and not more than 4 feet long, so as to admit of weeding and thinning, without trampling the ground. Press the soil down after sowing, with a smooth board, shade till plants grow and keep fairly moist.

Thinning, Transplanting and Staking.—Keep thinning out as plants grow, transplanting these thinnings according to number of plants required of the different varieties. Distance between plants in beds should not be less than half the height of the variety and the heights are given in Catalogue. All slender growing, but tall plants, should be tied up to neat stakes.

Transplant when weather is cloudy, and shade if sun comes too strong, for a few days. Biennials should, as a rule, be treated as Annuals, but should be sown in the house or hot-bed and transplanted in May to where intended to bloom.

Sowing in Boxes.—Tender Annuals and Biennials had better be sown indoors. Fill a shallow box to within an inch of the top, with equal parts sand and light loam, thoroughly mixed and carefully sifted. Sow seeds thinly in rows, pressing seeds gently into the earth, then cover lightly with finely sifted soil. Cover box with a pane of glass, shade with paper and place in the window. Keep moist till plants are up.

Perennials. See page 62 under heading "Perennial Flower Seeds," for information as to sowing.

A SPECIAL DISCOUNT

In order to make it an object for neighbors to club their orders together, we offer the following inducements on Flower and Vegetable Seeds in packets, the postage on which we prepay, but to secure this, ORDERS MUST BE ACCOMPANIED BY CASH. This Special Discount only refers to Seeds in packets, BUT NOT IN OUNCES OR POUNDS or in Collections, and at Catalogue prices.

Purchasers remitting $1 may select Seeds in packets only, amounting to	$1.25
" " 2 " " " "	2.50
" " 3 " " " "	3.75
" " 4 " " " "	5.00
" " 5 " " " "	6.25

For description of NOVELTIES and SPECIALTIES see front pages of this Catalogue.

Ewing's Special Flower Collections

We call the attention of amateurs to the **Special Collections of Flower Seeds** offered below:—

To those not well acquainted with Flowers it will be a great aid in making a selection of suitable varieties (and at the same time economical), to beautify their flower plots, just to order one or all of the collections, and if additional sorts be required, they can be ordered separately at catalogue terms. The exceptional price of these Collections puts a Flower garden in reach of all. A well kept garden, bright with flowers, well cultivated and free from weeds, is the greatest embellishment possible to the statliest mansion or the humblest cottage, and no occupation for the spare hours of Spring and Summer will afford the pleasure or be so beneficial personally and to the community as gardening.

To customers who have space to spare we would respectfully suggest that they should interest their children in Horticulture. Give each a collection of Flower Seeds and have the boys or girls sow and attend to the cultivation of the flowers; each having their own little garden as it were.

This will afford an education in the way of nature study that cannot be obtained in schools and will be of the greatest advantage in after life. If the offering of these collections results in more attention being given to the growing of flowers, we shall consider ourselves well rewarded in helping along such a worthy cause.

"Flower Seeds"

Ewing's No. 1 collection contains 12 pkts. bright blooming annuals, various heights:—1 foot and upwards.

Asters, Choice Mixed.
Balsam, Double Choice Mixed.
Calendula, Double Choice Mixed.
Coreopsis, Choice Mixed.
Larkspur, " "
French Marigold, Choice Mixed.
Marvel of Peru, Choice Mixed.
Nasturtium Tall (Climbing Mixed).
Phlox Drummondii, Choice Mixed.
Poppy, Double and Single, Choice Mixed.
Sweet Peas, Mixed (Climbing).
Zinnia, Double Choice Mixed.

25c.

Ewing's No. 2 collection contains 12 pkts. bright blooming annuals, various heights:—1 foot and under.

Aster Dwarf, Choice Mixed.
Alyssum, Sweet.
Candytuft, Choice Mixed.
Clarkia Pulchella, Mixed.
Dianthus, Choice Double Mixed.
Escholtzia, Mixed.
Mignonette, Sweet-Scented.
Linum Rubrum.
Nasturtium "Tom Thumb," Mixed.
Portulacca, Choice Mixed.
Saponaria, Choice Mixed.
Phlox Drummondii Dwarf, Choice Mixed.

25c.

Ewing's No. 3 collection contains 24 pkts. bright blooming annuals in various heights.

50c.

Aster, Choice Mixed, Tall.
" " " Dwarf.
Alyssum, Sweet.
Balsam, Choice Double.
Candytuft, Choice Mixed.
Calendula, Choice Mixed.
Coreopsis, Choice Mixed.
Dianthus, Double Mixed.
Escholtzia, Mixed.
Larkspur, Choice Mixed.
Lupins, Choice Mixed.
Marvel of Peru, Mixed.
Marigold (French), Choice Mixed.
Mignonette.
Nasturtium, Dwarf Mixed.
" Tall, Mixed.
Portulacca, Choice Mixed.
Phlox Drummondii, Choice Mixed.
" " " " Dwarf.
Poppy, Mixed Varieties.
Salpiglossis, Choice Mixed.
Sweet Peas, Choice Mixed.
Stocks, Ten Weeks, Choice Mixed.
Zinnia, Double, Choice Mixed.

50c.

Perennial Flowers

Ewing's No. 4 collection contains 10 pkts. Hardy Perennials that will stand our severe winters and continue blooming from year to year.

30c.

Aquilegia, Choice Mixed.
Campanula, Various Varieties.
Delphinium, Choice Mixed.
Digitalis, Choice Mixed.
Hollyhock, Choice Mixed.
Lychnis, Choice Mixed.
Pansy, Choice Mixed.
Perennial Poppy, Choice Mixed.
Rocket, Choice Mixed.
Sweet William, Choice Mixed.

30c.

Sweet Peas

Ewing's No. 5 collection contains 50 pkts. named varieties of best sorts of Sweet Peas in cultivation $1.25

Ewing's No. 6 collection contains 25 pkts. named varieties of the best sorts of Sweet Peas in cultivation 75c.

Ewing's No. 7 collection contains 10 pkts. named varieties of the best sorts of Sweet Peas in cultivation 30c.

Notice.—All above collections are mailed **post paid** but orders **must be accompanied by cash. No changes will be made in the varieties offered,** and no discount allowed **nor will amounts be counted in any special discounts** offered in our Catalogue.

ALPHABETICAL LIST
OF
Annual, Biennial and Greenhouse Flower Seeds.

For "NOVELTIES AND SPECIALTIES." See beginning of Catalogue.

Abbreviations used: h. a., means hardy annual; h. h. a., half hardy annual (such may be started in a box in the house, or in a hot bed); h. b., hardy biennial; h. h. b., half hardy biennial; G., Greenhouse plant.

1. ABRONIA Umbellata—Rosy lilac, h. h. a. Somewhat resembles the Verbena; sweet scented; suitable for beds, rock work or hanging baskets; ½ ft. Pkt. 5 cts.

Abronia Umbellata.

Pkt. cts.

2. ACACIA, Mixed Varieties, G.. 10
3. ACROCLINUM, Roseum, Double.. 10
4. Mixed; Double.. 5
H. h. a. Useful for winter bouquets, and shows to great advantage in the flower border. "Everlasting flower."
5. ADONIS—Mixed colors, h. a., 1 foot.. 5

Imperial Dwarf Ageratum. No. 7.

6. AGERATUM, Mexicanum—Blue, 1½ foot.. 5
7. " Imperial Dwarf—Azure blue, ½ foot.. 5
8. " Dwarf, white, ½ foot.. 10
9. " Mixed.. 5
H. a. makes a good bed, and when cut, shows well in bouquets; sweet scented.
10. AGROSTEMMA—Mixed, h. a., 1 foot.. 5
11. ALYSSUM, Sweet, white, h. a., 1 foot.. 5
12. " Compactum, New Dwarf White, ½ foot, h. a... 10
Fine for borders or edgings. Flowers in the greatest profusion, making a perfect carpet of pure white.

Alyssum Compactum. No. 12.

Pkt. cts.

13. ALONSOA, Warscewiczii—Scarlet; h. a., ½ foot .. 5
14. AMMOBIUM ALATUM—White, h. a., 2 feet.. 5
15. ANAGALLIS, Mixed—H. a., ½ foot. Trailing plant, looks handsome in pots or vases.. 5

Amaranthus—(Ornamental Foliage Plant).

16. AMABILIS TRICOLOR—Long pointed leaves, forming tufts of carmine, shaded with yellow and rose, h. a., 2 feet.. 5
17. TRICOLOR MAGNIFICUS—Drooping leaves of carmine, tipped with maroon, h. a., 3 feet.. 5

Amaranthus Tricolor. No. 22.

18. HENDERI—Dark bronze drooping leaves, h. a. 3 feet.. 5
19. BICOLOR—Leaves crimson and green, h. a. 18 ins.. 5
20. MELANCHOLICUS RUBER—Bright red foliage, h. a., 2 feet.. 5
21. BICOLOR RUBER—Bright red, h. a., 2 feet.. 5
22. TRICOLOR—Green, red and yellow, h. a., 2 feet.. 5
23. MIXED varieties.. 5
24. ANTIRRHINUM Majus—Fine mixed, h. b., 1½ ft.. 5
25. ANTIRRHINUM—Large Flowering Extra Choice, mixed, h. b., 1½ ft.. .. 10
26. " Tom Thumb—Choice mixed, h. b., ½ ft.. 10
27. " Tom Thumb "Sunlight" 25
The Antirrhinum or Snapdragon, if sown under glass, flowers the first year. It is very showy in beds or mixed borders, but is not used to the extent it deserves, and any one who tries a good large bed of it we are sure will be delighted. Is also suitable for pot culture, for which we recommend the "Tom Thumb."
28. ARDISIA CRENULATA—For description see "Novelties and Specialties".. 20

Pkt. cts.

29. ARGEMONE Platyceras Grandiflora—H. a., 2½ feet. Showy and of easy culture, with large, white flowers and handsome foliage. A most striking plant. 10

Asperula Azurea Setosa. No. 30.

30. ASPERULA, Azurea Setosa—H. h. a., blue. 1 foot. pkt. 10c. Dense habit; beautiful light blue, sweet-scented flowers. Suitable for hand bouquets.

31. ASPARAGUS Plumosus Nanus G. pkt. 25c.

32. ASPARAGUS Sprengeri Nanus G. pkt. 25c. A beautiful house plant. The Sprengeri is much admired in hanging pots.

Aster

Truffaut's Superb Paeony-flowered Aster.

TRUFFAUT'S SUPERB PAEONY-FLOWERED PERFECTION.

Pkt. cts.

Collection of 6 separate colors, each.. .. ..$0.50
" 10 " " " 0.75
" 12 " " " 1.00
" 6 pure white varieties.. .. .. 0.50

33. TRUFFAUT'S PERFECTION—Choice mixed 10

34. CHINA—Mixed colors.. 5

MOUNT ROYAL PARK COLLECTION.

35. Superb Mixture of tall varieties.. 10

36. " " Semi Dwarf varieties.. 10

37. " " Dwarf varieties.. 10

Also see "Novelties and Specialties."

38. BALL or JEWEL—Mixed. Flowers are of a perfect ball shape. Very beautiful.. 10

Aster—Continued.

Pkt. cts.

39. SEMPLE'S BRANCHING—Mixed colors.. 10

40. " " Rose, white, shell pink, purple or scarlet (separate).. 10
Very large flower with long stems—late flowering. Fine for cutting.

41. CHRISTMAS TREE—Grows 1½ feet high, and branches out from base of plant. Entirely different in habit from any other Aster. Mixed colors.. 15

Dwarf Early Queen Aster. No. 58.

Pkt. cts.

42. CHRYSANTHEMUM, Flowered—Tall, mixed 10

43. " " Dwarf, mixed.. .. 10

44. COMET, mixed.. 10

45. " **Giant,** mixed.. 10

46. " " white or rose, separate.. 10

47. " **Lady,** mixed.. 10

48. " " white or rose, separate.. 10
Resembles the Japanese Chrysanthemum. Blooms are of great size, often being from 3 to 4 inches across. This is a grand Aster.

49. COUNT WALDERSEE—See "Novelties and Specialties".. 20

50. CANARY YELLOW—See "Novelties and Specialties".. 20

51. CROWN or COCARDEAU—Mixed. Flowers have white centres, bordered with carmine, blue and crimson.. 10

52. DAYBREAK—Chaste globe shaped flowers of delicate pink, and large. 18 to 24 inches in height 15

53. DWARF BOUQUET—Mixed. Plants form complete bouquets, 8 inches in height.. 10

54. EMPRESS FREDERICK COMET—See "Novelties and Specialties" 20

55. HOHENZOLLERN—New. Extra large white blooms borne on flower stalks, 20 inches long.. 20

56. HARLEQUIN—Has oddly striped double flowers, dwarf in habit.. 10

57. JAPANESE—Blooms are very large, and the long, curiously curled petals give them a striking resemblance to the Japanese Chrysanthemum. Colors are flesh and rose.. 15

58. DWARF EARLY QUEEN—Mixed colors 10

59. KING HUMBERT—New. Blooms sometimes 5 inches in diameter, pure white and the petals most beautifully twisted and curled.. 20

Aster—Continued.

Pkt. cts.

60. QUILLED German—Mixed colors.. 5
61. " **Yellow**—Large yellow double blooms are produced in great abundance.. 10
62. LADY—White or rose.. 10
63. " Mixed. Long stems. Dark green foliage. The freest flowerer of all.. 10
64. LILIPUT—Mixed. Flowers small and numerous. A fine pot plant.. 10
65. MIGNON—Mixed, a fine variety somewhat resembling the Victoria.. 10
66. OSTRICH FEATHER—Rose and White.. 10
Of Candelabra habit. Flowers are from 4 to 5 inches across and have long, partly curled petals, 15 inches.
67. QUEEN OF THE MARKET—Choice mixed.. 10
68. " " " White and rose, separate 10
Is an entirely distinct variety, and an early flowerer.
69. NEW RAY—White and rose. New.. 10
70. " " New. Mixed, with beautiful white and rose blooms and slender quilled petals, 20 inches.. .. 10
71. ROSE FLOWERED—Mixed. Large double flowers, branching habit.. 10
72. SINGLE FLOWERING—Mixed. Fine for cutting. Blooms abundantly, and the single, broad-petalled flowers are borne on long stout stems.. 10
73. TRIUMPH—Scarlet and white. This is the finest of all Dwarf Asters, and makes a grand edging 10
74. VICTORIA, Mixed—Produces an abundance of large double blooms; pyramidal habit.. 10
75. VICTORIA NEEDLE—Mixed. The largest and finest of all quilled varieties.. 10
76. WASHINGTON—Mixed. Beautiful blooms of delicate pink and pure white.. 10

Balsam

Double—Collection of 6 colors, separate.. .. .. $0.50
" " 8 " " 0.75
" " 12 " " 1.00
" **Camellia Flowered**—Collection of 6 colors 0.50
" " " " 8 " 0.75
" " " " 12 " 1.00

Double Balsam. No. 78.

77. Double—Mixed 5
78. " **Flowered**—Choicest mixed, saved from the finest flowers. 10
79. Camellia Flowered—Extra choice, mixed.. 10
80. Rose Flowered—Finest mixed.. 10
81. New Carnation Striped—Finest mixed 10
82. The Bride — Pure white Double Camellia flowered.. 10
Balsams are showy and easily grown annuals, forming bushy plants profusely covered with large double flowers of brilliant colors. Bloom all summer and autumn; height 1½ to 2 feet.
83. BARTONIA, Aurea—Yellow, h. a., 2 feet.. 5
Leaves resemble those of the thistle, while the blooms are large and bright.
84. BEET, Ornamental Leaved—The leaves and stems are beautifully veined with crimson and yellow.. .. 5
85. BEGONIA, Choice Mixed Single Tuberous Rooted Varieties.. 25
86. " **Double Tuberous Rooted** 50
87. " **Semperflorens Atropurpurea "Vernon"**—Handsome, dark bronzy leaves and deep scarlet flowers. Grand for either planting out, or for greenhouse culture.. 25
Begonias are magnificent flowering plants for pot culture, and are also deservedly popular for planting in beds, flowering in the greatest profusion. *For Begonia Bulbs, see Summer Flowering Bulbs.*

Begonia Double Tuberous Rooted

Pkt. cts.

88. BIDENS, Atrosanguinea Superba—H. h. a.. 15
Has wiry flower stems 12 inches in length each bearing one Daisy-like bloom about 1½ inches in diameter, and of a blood red color.
89. BRIDAL ROSE, Double White—H. h. b.. 10
90. BROWALLIA, Mixed—1½ feet, h. h. a.. 5
91. CACALIA or Tassel Flower—Mixed, h. a., 1½ ft.. .. 5

Calendula, Meteor. No. 93.

92. CALENDULA, Orange King—Extra double and very floriferous, h. a., 18 inches.. .. 5
93. " **Meteor**—Large double yellow flowers striped with orange, h. a., 18 ins. .. 5
94. " **Sulphur Crown**—Sulphur color, h. a. 5
95. " **Double Yellow**—Pure golden double flowers of great size. h. a., 18 ins. 5
96. " **Ponjei**—Double white, h. a., 12 ins.. 5
97. " **Mixed Varieties**—H. a.. 5
98. CALCEOLARIA, Grandiflora Hybrida—Splendid mixture of large flowered varieties, G.. 50
99. " **Rugosa Mixed**—A splendid bedding plant.. 25
100. CALENDRINIA, Mixed Varieties—H. a., ½ foot, Creeping plant.. 5
101. CALLIRHOE, Pedata Nana—H. h. a., 1 foot. Purple and white.. 5

Calendula, Orange King. No. 92. Pkt. cts.

102. CALAMPELIS, Scaber—T. a. Quick growing climber, with bright orange flowers and pretty foliage 10

103. CANARY BIRD CREEPER—H. a. A most charming annual climber. Both the pure yellow flowers and the leaves are beautiful. See Tropoeolum Canariense. 10

Candytuft.

Calceolaria Hybrida. No. 98.

104. CANDYTUFT, Crimson—H. a., 1 foot.. 5
105. " **White**—H. a., 1 foot.. 5
106. " **Purple**—H. a., 1 foot.. 5
107. " **New Carmine**—H. a., 1 foot.. 5
108. " **Mixed Colors**—H. a., 1 foot 5
109. " **Dobbie's White Spiral**—See "Novelties and Specialties".. 10
110. " **New Dwarf Mixed Hybrids**—H. a. 5
111. " **Empress Giant Hyacinth Fl'd**—H. a. Pure white, producing spikes often measuring 7 inches in length, and nearly the same in circumference. A most effective plant.. 10
112. " **Little Prince**—H. a. New, 4 inches. 10
A charming dwarf sort, growing from 4 to 6 inches high, producing upright branching spikes, from the main stem, of snow-white blooms, in candelabra fashion. Either in masses, groups or edgings it produces a charming effect.

113. CANNA, Crozy's Large Flowered French Hybrids.. 15
114. " **Mixed**—All kinds.. 10
115. " **New Variegated Leaved**.. 25
For description of Variegated Leaved Canna, see "Novelties and Specialties."
The large handsome foliage and flowers of the Cannas render them highly ornamental. They are of

Canna. No. 113. Pkt. cts.

easy growth and very popular, and justly so, as for either outdoor or indoor decoration, few plants surpass them.
For Canna Plants. See Plant Department.

116. CAPSICUM—(Solanum) — House plant. Beautiful red berries.. 10
117. CARDUUS GIGANTEUS—Scotch Thistle 5
A very picturesque lawn plant and also suits well in the back row of a Herbaceous border.

Marguerite Carnation .No. 120.

118. CARNATION, Fine Mixed—H. h. p.. 10
119. " **Choice Mixed Border** 25
The last named is an extra choice strain producing a large percentage of the most exquisite double flowers. H. h. p.
120. " **Marguerite**—Mixed colors.. 15
Splendid early flowering Carnation. Seed sown in February will bloom profusely from July to end of season. It makes a pretty bed. H. h. p.

Continued on next page.

Pkt. cts.

121. **CARNATION, Vienna**—A fine early sort well adapted for bedding out 10

122. " **Perpetual Flowering or Tree**—Choice mixed, t. p. G.. 50

Centaurea Gymnocarpa. No. 128.

Godetia. No. 226.

CASTOR OIL PLANT—See Ricinus.

123. **CELOSIA, Pyramidalis, Choice Mixed**—H. h. a. Very ornamental foliage and flowers.. 10

124. " **Spicata Argentea Linearis**—New.. .. 30

125. " **Thompsonii Magnifica**—New 25

See "Novelties and Specialties."

126. **CENTAUREA, Candidissima**—1 ft. Silvery foliage 25

127. " **Clementii**—H. h. p., ½ foot.. 10

128. " **Gymnocarpa**—H. h. p., 1½ foot 10

Silvery, fern-like foliage. Must be sown early.

129. " **New Mammoth Sultan**—(Chamaeleon), h. h. a. Very large pale sulphur yellow, later changing into lilac. Very handsome 10

130. " **Imperialis**—H. a., 1½ ft. (Sultan).. 10

Blooms are double and very large, sweet-scented, and colors are white, purple, rose and lilac.

131. " **Mixed**—(Sweet Sultan).. 5

132. " **Cyanus**—Mixed double, h. a., 1½ ft.. 5

Pkt. cts.

133. **CENTRANTHUS, Mixed**—H. a., 1 foot. Good for mixed borders, useful for bouquets.. 5

134. **CENTROSEMA, Grandiflora**—T. p. A climber of great beauty. Large pea-shaped flowers, ranging in color from rosy-violet to purple, with white markings 25

135. **CERASTIUM, Bieberstenii**—H. p., 6 inches.. 10

136. " **Tomentosum**—H. p., 6 inches.. 10

Beautiful silvery foliage and pure white flowers. Makes a neat edging, and is much used in ribbon gardening. Should be sown early, in the house.

137. **CHRYSANTHEMUM, Balsamita**—New.. 25

For description see "Novelties and Specialties."

138. " **New Golden Wheel**—For description see "Novelties and Specialties".. 25

139. " **Frustescens or Paris Daisy**—Single Perennial variety; with pure white flowers, 1 foot, G.. 10

140. " **Etoile d'Or**—Large golden yellow Paris Daisy, h. h. p., 1 foot, G.. 5

141. " **Inodorum Plenissimum**—Pure white. If seed is started early will flower all summer, h. h. p., 1 foot.. 10

142. " **Annual**—Mixture of double and single sorts, h. a.. 5

143. **CINERARIA, Grandiflora Hybrida**—Blooms are of great substance and brilliancy of coloring, G.. 50

144. " **Ewing's Prize Strain**—See "Novelties and Specialties,".. 50

145. " **Hybrida Grandiflora "Stella,"** G.—For description see "Novelties and Specialties".. 50

146. " **Dwarf Mixed Hybrids,** G.. 50

147. " **New Double Mixed,** G.. 50

Our strains of Cineraria are very superior, and we confidently recommend them to all who are desirous of having really good specimens of this fine showy greenhouse plant.

148. **CINERARIA, Maritima**—Silvery foliage, much used as a border plant, h. h. p., 1½ feet.. 5

Centrosema Grandiflora. No. 134.

Centaurea Candidissima. No. 126.

Celosia Pyramidalis. No. 123.

Pkt. cts.

149. CLARKIA, Mixed—H. a. Single, 1 foot 5

150. " " H. a. Double, 1 foot 5

Of easy culture, and, if thinned out, are very handsome.

151. CLEMATIS, Jackmanii, Mixed Varieties—H. h. Climber, produces clusters of beautiful purple-blue flowers, completely hiding the foliage.. 15

152. CLINTONIA, Elegans—H. a., ½ ft. Somewhat resembles the Lobelia; suited for edging or rock work. 5

153. CLIANTHUS, Dampieri—Mixed, h. h. p. Greenhouse climber. Fine foliage and bright scarlet flowers .. 25

154. COBÆA, Scandens—H. h. p. Beautiful greenhouse climber, grows quickly and has fine foliage. It also does well out of doors.. 10

155. COXCOMB, Empress—Extremely large beautifully formed combs of bright velvety crimson.. 15

156. " **Glasgow Prize**—Combs are of great size and well suited for competition.. .. 15

157. " **Tom Thumb**—Fine dwarf crimson.. .. 10

158. " **Mixed Varieties**.. 5

Curious looking but ornamental flowers. Very attractive when mixed with other plants or for pot culture. H. h. a.

159. COLEUS, Choice Mixed—T. p. Effective foliage plant. Grown from seed, plants grow far larger and healthier than from cuttings.. 25

Centaurea Imperiails. No. 130.

Pkt. cts.

Coxcomb. No. 155.

160. COLLINSIA, Bicolor—H. a. Purple and white, 1 foot.. 5

161. COLLINSIA, Mixed—H. a., 1 foot.. 5

Attractive either in beds or borders; free flowerer.

162. CONVOLVULUS, Major or Morning Glory—H. a. Mixed, climbing.. 5

163. CONVOLVULUS, Minor—H. a., 1 foot Mixed.. 5

164. CONVOLVULUS, Mauritanicus—Suitable for hanging baskets.. 10

165. COREOPSIS, Mixed Colors—H. a., 1 foot.. 5

166. " **Compacta Mixed**—H. a., 1 foot 5

The **Coreopsis** shows to best advantage in large masses. Pick off seed pods as they show; this will cause the plants to keep longer in bloom.

167. COSMEA, Atropurpurea Crimson—H. a., 2 feet.. 5

168. COSMOS—Mixed Hybrid varieties, h. h. a., 4 ft... .. 5

169. " **Dawn**—H. h. a., 4 feet. Blooms are delicately tinted with rose on a white ground. Compact bushy habit. Begins blooming when plants are only 2 feet high.. 10

170. " **Golden Dawn**—H. h. a., 4 ft. The fern-like foliage is covered with a solid sheet of golden yellow flowers. Very early .. 10

171. " **New Early Blooming**—H. h. a., mixed 10

Forms compact bushes literally covered with flowers not so large as the Giant varieties, but more numerous. Commences blooming in July and continues till frost comes.

172. COSMOS, Giant—Mixed colors, h. h. a., 5 to 6 ft... 10

Blooms are very large—often 4 inches across. The colours are the latest development in this handsome autumn flowering annual.

Cosmos has a striking effect amongst tall growing plants. Its beautiful large blooms are carried on long stems and the foliage is feathery and graceful. Should be sown early and potted off, previous to planting in open ground.

173. CUPHEA (or Cigar Plant)—T. p., ¾ foot.. 10

Centaurea Cyanus. No. 132.

Cineraria Hybrida. No. 144.

Pkt. cts.

CYCLAMEN, Giganteum—Mixed colors.. 75
" **Persicum**—Wiggin's Prize Strain.. .. 25
" **Ewing's Prize Strain**—See "Novelties and Specialties.".. 75
" **Persicum Papilio**—The New **Butterfly Cyclamen,** per pkt. of 10 seeds.. .. ..$1.00
See "Novelties and Specialties."
" **Charming Bride**—Pure white 75
" **Europœum**—Hardy Alpine.. 25

The Cyclamen is among the most beautiful of winter and spring blooming greenhouse or parlour plants. Not only are the bright colored flowers exceedingly handsome, but the foliage is beautiful.

Cosmos. No. 168.

CYCLANTHERA, Explodens—Hardy and quick-growing fine foliage climbing annual, producing pretty oval-shaped fruit which explodes when ripe.. 10
CYPERUS, Alternifolius—(Umbrella Plant). Highly ornamental greenhouse perennial.. 25
DAHLIA, Tom Thumb, Double—Mixed, 1½ feet.. 15
" **Double**—Mixed, tall. H. h. p., 4 feet. Saved from prize flowers.. 15
" **New Single, Striped**.. 15
" **Single Varieties Mixed**.. 15
" **New Single Tom Thumb**.. 15
Plants of the latter are very dwarf, well branched, and with perfectly formed flowers.

Cyclamen. No. 176.

Pkt. cts.

187. DAHLIA, New Single, Collerette—See "Novelties and Specialties.. 25
188. " **Cactus, Double Mixed** 15
189. " " **Single Mixed**.... 15
Grow easily from seed, and bloom profusely. Their bright flowers of the most varied hues, are splendid for bouquets and table decoration. The petals of the Cactus variety instead of being rounded and curved, as in ordinary Dahlias, are long, twisted and beautifully recurved. Must be sown early.
We offer a collection of Dahlias in pots. See Plant Department.

190. DATURA, Fatuosa Alba—H. h. a., 3 feet, white. pkt. 5c.
191. DATURA, Fatuosa Violacea—H. h. a., 3 ft., purple. pkt. 5c.
192. DATURA, Humilis Flava—H. h. a., 3 feet, yellow. pkt. 5c.
193. DATURA, Double—Mixed, h. h. a., 3 ft. pkt. 5c.

Dracaena Indivisa. No. 207.

194. DATURA, Single—Mixed, h. h. a., 3 ft.. 5
The four first named are double varieties. The flowers of the Datura are large, and trumpet shaped.

Dianthus h. b.

SINGLE VARIETIES.

195. THE BRIDE or Little Gem—White, with purple centre; plants grow from 6 to 8 ins. high, and are completely covered with bloom.. 10
196. Crimson Belle—1 foot, brilliant dark red.. 10
197. Eastern Queen—1 foot. Marbled Rose.. 10

Continued on next page.

DIANTHUS—CONTINUED. Pkt. cts.

198. Snowflake—1 foot. Large pure white flowers, beautifully fringed.. 10

199. Heddewigii, Mixed Single Varieties 10

Double Varieties.

200. Morning Pink—1 foot. Double flowers of rich dark purple-maroon, and edged with pure white 10

201. Heddewigii—Japan Pink; mixed colors.. 10

202. Heddewigii Diadematus—Large flowers of various colors, edged and marbled in unique fashion; 1 ft.. .. 10

203. Laciniatus Striatus—Double fringed. 1 ft., mixed. 10

204. Choice Mixed—Single and double varieties 10
A superb mixture of the best varieties, in great diversity of colors. Dianthus, generally, will stand the winter, but it is better to treat it as an annual.

205. DOLICHOS (or Hyacinth Bean), mixed, t. a.. 5
Will grow 20 feet high, and in addition to the pretty flowers the seed pods are attractive.

206. DRACÆNA (Cordyline) Australis, G.. 25

207. " Indivisa, G.. 10
Graceful foliage plant, extensively used for vases and house decoration.

208. ECHEVERIA, Mixed Varieties.. 25
Broad bronzy leaves and tall flower spikes. Invaluable for sub-tropical gardening.

209. ERYSIMUM, Peroffskianum—H. a., 1 ft. Yellow. Erect growth and sweet-scented.. 5

210. ERYTHRINA, Crista Galli—T. p. (Coral Plant). Beautiful spikes of pea-shaped blooms.. 15

211. ESCHOLTZIA, Mixed Colors—H. a., 1 foot.. 5
Brilliantly colored, large flowers; very attractive whether in beds or small patches.

Double Dahlia. No. 183.

Pkt. c

212. EUPHORBIA, Variegata—H. a., 2 ft. Ornamental foliage.. .. ..

213. EUTOCA, Mixed Varieties—H. a., 1 foot.. .. .. ..

214. FENZLIA, Dianthiflora—H. a., 6 inches.. .. .. ..

215. GAILLARDIA, Lorenzii, Double—Mixed, h. a., 1 foot.. .. ..

216. " PICTA, Single Mixed Varieties

Dianthus Diadematus. Double. No. 202.

Gaillardia Lorenzii Double. No. 215

Pkt. cts.

217. GAZANIA, Splendens—H. a., 1 foot. Orange.. .. 10

218. " Hybrida Blondine.. 25

219. " " Bianca.. 25

For description of the latter two splendid new varieties see "Novelties and Specialties."

220. GERANIUM (Pelargonium)—Choice mixed.. 25

221. GILIA, Mixed Colors—H. a., 1 foot. Neat growth. 5

222. GLAUCIUM, Flavum Tricolor—New. For description see "Novelties and Specialties" 25

Globe Amaranth. No. 223.

223. GLOBE AMARANTH, Nana Compacta—H. h. a., 9 ins. Dwarf, with large purple flowers.. 10

224. GLOBE AMARANTH, Mixed Colors—H. h. a., 1 foot.. 5

Raise in a hot-bed or a box in the house. Plant out 1 foot apart. If cut early, the flowers retain their beauty for years. "Everlasting Flower."

225. GLOXINIA, Large Flowering, Choice Mixed Varieties. pkt. 50c. Very charming greenhouse plant of dwarf habit and gorgeous colors. Also see Summer Flowering Bulbs.

226. GODETIA, Mixed Varieties—H. a., 1½ feet—Form beautiful bushes with large flowers of brilliant and delicate shades of color. pkt. 5c.

Gloxinia. No. 225.

Grevillea Robusta. No. 231.

Ornamental Gourd. No. 227.

Ipomea Imperialis. No. 256.

Larkspur. No. 262.

Lupinus. No. 277.

Pkt. cts.

227. GOURDS, Mixture of 15 Varieties.. 10

228. " Ovifera or Nest Egg.. 10

229. " Chinese Loofa or Dish Cloth.. 10

Useful for covering old stumps, walls, etc. Produce a great variety of curious fruit and have very luxuriant and ornamental foliage.

230. GRASSES, Ornamental—See page 61.

231. GREVILLEA, Robusta—Graceful plant of easy culture and rapid growth. Fine for house decoration.

232. GYPSOPHILA—Mixed, h. a., 1 foot. Branching growth.. 5

233. HELIPTERUM, Sandfordii—H. h. a., 1½ feet.. .. 10

Bright yellow flowers. Cut before it fully expands. "Everlasting Flower."

234. HELIOTROPE, Mixed Varieties—H. h. p.. 10

235. " Dwarf—Mixed varieties, h. h. p.. 10

Equally prized in the flower garden or conservatory.

236. HELICHRYSUM, Double Mixed—H. h. a., 2 ft.. 5

237. " Double Dwarf Mixed—H. h. a., 1 ft. 10

"Everlasting Flower." Very attractive in beds.

238. HETEROSPERMUM, Xanthii—Small and numerous chrome-yellow blossoms. Blooms from June till frost comes. A splendid border plant, 10 inches 5

Pkt. cts.

239. HIBISCUS—Mixed colors, h. h. a., 1 foot.. 5

240. HONESTY—(Lunaria Biennis)—"Satin Flower" or "Moonwort," h. h. b., 2 ft. Purple.. 5
Flowers are followed by transparent silvery seed pods, highly prized for winter bouquets.

241. HONEYSUCKLE—French (Hedysarum)—Mixed, h. h. b., 3 feet. Pea shaped blooms.. 5

242. HUMEA, Elegans—4 ft. Graceful drooping plumes.. 10

243. HUNNEMANIA, Fumoerifolia—For description see "Novelties and Specialties".. 15

244. ICE PLANT—H. h. a., 1 foot. Trailing plant; its stems having the appearance of being covered with ice; suitable for rockeries.. 5

245. IMPATIENS, Sultani—T. p., 1 foot.. 15
This perennial balsam is a fine decorative greenhouse or parlour plant.

246. IPOMŒA, Quamoclit (Cypress Vine)—H. a. Scarlet, climber.. 5

247. " **Coccinea**—Beautiful scarlet.. 10

248. " **Bona Nox**—(or Evening Glory).. 5

249. " **Setosa**—A beautiful greenhouse climber with salver shaped purple flowers. 10

250. " **Noctiflora**—The Moon Flower or Evening Glory.. 10

251. " **Imperialis Aurata "Cleopatra"**—Beautiful yellow foliage. Flowers brilliant carmine, with white throats and borders.. 10

252. " **Imperialis Micans**—Leaves either green or silvery, with blooms of the most beautiful and striking colors.. .. 10

253. " **Imperialis Collata**—Blooms are of great variety in shape and color, and are partly curled or frizzled, looking as if they were double... 10

254. " **Imperialis Collata Carminea Alba Marginata**—Gorgeous flowers of deep carmine with white borders and delicate rose, and deep blue with pink throats and white borders.. 15

255. " **Mikado**—New. Flowers include all the most showy colors and markings and the foliage is very ornamental. Blooms are often 4 ins. across.. 10

Leptosyne Stillmani. No. 266.

Pkt. cts.

256. IPOMŒA, Imperialis, Mixed Varieties 10
We call particular attention to the Imperial Japanese Morning Glory. Can be sown where intended to bloom, so soon as the weather is warm, and require no extra care or attention. The gorgeous colors are for the most part new, and seldom found in other classes of plants.

257. IPOMOPSIS, Mixed—H. h. b., 2 feet.. 5

258. JACOBŒA, Dwarf Mixed—H. a., 1 foot.. 5
Of compact growth and very floriferous.

259. KALFUSSIA, Amelloides—H. a., blue, 1 foot.. .. 5

260. LANTANA, Fine Mixed—T. p., 2 feet.. 10
A remarkably handsome free flowering plant, attractive in beds, and well suited for pot culture.

261. LARKSPUR, Dwarf German Rocket, Mixed—H. a., 1 foot.. 5

262. " **Hyacinth Flowered, Mixed**—H. a., 1½ feet.. 5

263. " **Mixed Varieties**—H. a., 1 foot 5
Handsome spikes of bloom; suitable for any position in the flower garden.

264. LEPTOSIPHON, Mixed—H. a., 4 ins.. 5

265. " **Hybrid Choice, Mixed**—H. a., 4 ins.. 10
Adapted either for beds or edgings; succeeds well in the shade. Very pretty.

266. LEPTOSYNE, Stillmani—H. h. a. New. 1 foot .. 15
Finely cut foliage, with an abundance of flower stems ending in golden yellow blossoms 1½ inches in diameter. Blooms in five to six weeks from sowing.

267. LINUM, Grandiflorum Rubrum—(Scarlet), h. a., 1 foot. One of the best hardy annuals. Elegant habit of growth and keeps long in flower.. 5

268. LINARIA, Cymballaria—Violet, G., trailing plant. 10

269. " **Reticulata Aurea Purpurea**—H. h. a., 1 foot. Purple, veined with copper color and yellow.. 10

270. LOAZA, Aurantiaca—T. a. Orange. Climbing annual for trellis or wire work.. 10

271. LOPHOSPERMUM, Scandens—H. a. Purple. A handsome climber.. 10

272. LOVE, Lies Bleeding, Crimson—H. a., 2½ feet. Ornamental plant with hanging plumes, suitable for mixed borders.. 5

Lobelia Crystal Palace Gem. No. 276.

273. LOBELIA, Gracilis—H. h. a., 9 inches. Blue and white.. 10

274. " **Paxtoniana**—H. a., 6 ins. blue and white. 10

275. " **Speciosa**—H. h. a., 6 ins. White Queen.. 10

276. " " **Crystal Palace Gem**—H. h. a., ½ foot. Dark blue.. 10
Neat habit, and much admired in edgings, rockeries, vases or hanging baskets.

277. LUPINUS—Mixed, h. a., 2 feet.. 5
Elegant racemes of flowers, much prized for cutting.

Marvel of Peru. No. 281.

Pkt. cts.

278. MAIZE, Striped Leaved Japanese—H. a., 4 feet.. 5
Leaves are green striped with white, in the earlier stages of growth have a rose-colored stripe.

279. MAIZE, (Zea, Gracillima Variegata)—4 feet 10
Leaves small and neat habit of growth, and can be used for small groups or for ribbon borders.

280. MALOPE, Grandiflora—H. a., 2 ft. Mixed. Bell-shaped flowers.. 5

281. MARVEL OF PERU, Fine Mixed—2 feet.. 5
282. " " **Striped Leaved Hybrids**—2 ft. 5
283. " " **Tom Thumb**—Mixed, 1 foot.. .. 10
Glossy green foliage with beautifully colored flowers. A striking and effective plant. Treat as an annual.

284. MARTYNIA—H. h. a., 1½ feet. Sweet-scented crimson-purple flowers, followed by curiously horn-shaped fruit, used for pickling.. 5

285. MAURANDYA, Barclayana—H. h. p. Purple, climber. Its slender growth adapts it for indoor decoration; if not planted out too early, blooms profusely outside.. 10

286. MESEMBRYANTHEMUM, Cordifolium Variegatum—T. p., ½ foot. Pink. A valuable dwarf plant for vases, beds or edgings. Leaves are waxy white, tinted with green.. 10

Musa Ensete. No. 288.

287. MESEMBRYANTHEMUM. Pomeridianum—H. h. a., 6 inches. Yellow. Well suited for rustic baskets, vases, etc. pkt. 10c.

288. MUSA, Ensete, or Abyssinian Banana—T. p. Greeenhouse or Lawn plant. Grows rapidly and attains the height of 10 or 12 feet. Pkt. of 7 Seeds. 25c.

African Marigold

289. Eldorado—H. a., 1½ feet. Immense flowers of from 5 to 8 inches in circumference, very double. Yellow.. 10
290. Orange—H. a., 2 feet.. 5
291. Lemon—H. a., 2 feet.. 5
292. Fine Mixed—H. a., 2 feet.. 5
293. Dobbie's Prize Strain—See "Novelties and Specialties".. 15

French Marigold

294. Extra Dwarf Scotch, Mixed—H. a., ¾ foot.. 10
Lovely shades of color. Being dwarf and erect in habit, is suitable for bedding.

295. NEW SINGLE, "Legion of Honour"—H. a., 1½ ft. 10
Compact free flowering border plant. Very pretty.

296. Dwarf Quilled—¾ foot, of neat growth.. 10

African Marigold "Eldorado." See No. 289.

FRENCH MARIGOLD—CONTINUED. Pkt. cts.

297. Fine Mixed—H. a., 2 feet.. 5
298. Dobbie's Prize Strain—See "Novelties and Specialties".. 15

French Marigold. No. 294.

Mignonette h. a.

299. Large Flowering—1 foot, oz. 20c.. 5
300. Allen's Defiance—Graceful extra long spikes and very fragrant stands long after being cut. A splendid variety for florists.. 15
301. Dobbie's Giant } For description of these two sorts 20
302. Bismarck } see "Novelties and Specialties". 20
303. Giant Pyramidal—Very strong grower.. 5
304. Victoria—Crimson flowered.. 5
305. Mile's Spiral—Extra long spikes.. 10
306. Machet—A dwarf variety of stout growth and very suitable for pot culture.. 5
307. Golden Queen—Gorgeous yellow spikes of bloom; dwarf in growth and a profuse bloomer.

For Mignonette soil should not be over rich and plants well thinned out. The first variety is the hardy sort, the others are suitable either for open air or pot culture. .....

Mignonette. No. 299.

Pkt. cts.

308. MIMULUS, Finest Mixed—T. p., 1 foot. Much admired on account of the beautiful markings of the flowers; suitable for hanging baskets.. 10

309. MUSK—(Mimulus Moschatus). Trailing habit of growth.. 10

310. MOON-FLOWER—See Ipomoea.. 10

311. MOMORDICA—H. h. a., climber. Pretty cut foliage. Well adapted for vases or trellis work.. 5

Tall Nasturtium

TROPŒOLUM MAJUS or INDIAN CRESS.

312. Fine Mixed—Oz. 15c., h. a.. 5
Nasturtium succeeds well in almost any soil. Both foliage and flowers are beautiful and of the richest colors. Hardy climbing annual.

Dwarf Nasturtium

Dwarf or Tom Thumb Nasturtium.

Pkt. cts.

313. Bronze—Leaves are very handsome.. 5

314. Chameleon—Produces many colors on one plant.. .. 5

315. Crimson—H. a., ¾ foot.. 5

316. Scarlet—H. a., ¾ foot.. 5

317. Spotted—H. a., ¾ foot.. 5

318. Pearl White—H. a., ¾ foot.. 5

319. Prince Henry—Cream colored blooms spotted and tipped with scarlet.. 5

320. Crystal Palace Gem—H. a., ¾ foot. Sulphur yellow 5

321. King Theodore—H. a., ¾ foot. Very dark 5

322. Empress of India—H. a., ¾ foot. Dark leaves, with bright crimson flowers.. 5

323. Ruby King—H. a., ¾ foot. Dazzling ruby shade.. .. 5

Continued on next page.

FALL NASTURTIUM (TROPŒOLUM MAJUS).

Dwarf Nasturtium—Continued.

Pkt. cts.

324. Golden Queen—A valuable novelty. Flowers and leaves are golden yellow.. 10

325. Cloth of Gold—Scarlet blooms with golden yellow leaves.. 5

326. Queen of Tom Thumbs—See "Novelties and Specialties."..... 25

327. Mixed Varieties—Per oz. 20c.. 5

Tall and Dwarf Nasturtium or Indian Cress are equally popular and effective in the positions to which their different heights are adapted. They are of the easiest culture—no transplanting is necessary—and their brilliantly colored bell-shaped blooms and the varied shades of green of the leaves are much admired. Do best in a sunny situation, and the soil should not be over-rich. In hanging baskets and vases both sorts are effective. The Dwarf or Tom Thumb varieties make gay and attractive beds.

328. NEMOPHILA, Insignis—H. a., ¾ foot. Blue.. 5

329. " Marginata—H. a., ¾ foot. Blue and white.. 5

330. " Mixed—H. a., ¾ foot.. 5

Neat compact growth and striking shades of color, suitable for beds or edgings; grow well in shade.

Nemophila Insignis. No. 328.

331. NEMESIA, Fine Mixed—H. a., ¾ foot. Compact growth.. 5

332. NICOTIANA, Affinis—H. h. a., 3 feet. Deliciously scented white tubular-shaped flowers 10

333. " Colossea—H. h. a., 5 feet.. 15

Stately plant, with immense leaves, at first rose and violet, afterwards changing to deep green, with red nerves.

334. " Sylvestris—Grows 5 feet high, with large dark green leaves, and the long, tubular shaped pure white flowers droop in circles from strong stems that rise well above the foliage. Sweet-scented. A superb plant.. 15

335. NIEREMBERGIA, Gracilis—H. h. p., 1½ feet.. .. 10

336. " Frutescens—H. h. p., 1½ feet. Pure white.. 10

Charming plants for baskets or vases.

337. NIGELLA—H. a. Mixed colors, 1½ feet.. 5

338. NOLANA, Fine Mixed—H. a. A handsome trailing plant; flowers resemble Convolvulus.. 5

339. ŒNOTHERA—H. a. Evening Primrose. Yellow .. 5

340. OXALIS, Fine Mixed—H. h. p., ½ foot. Bright rose-colored blossoms and pretty foliage. Good for hanging baskets.. 5

341. PENSTEMON, Mixed Colors.. 5

342. " Splendid Eng. Hybrids.. 10

Is a perennial, but won't survive our severe winters, so has to be treated as an annual, and sown early in

Penstemon. No. 341.

spring, or by lifting plants in the fall, cuttings can be taken and planted out in May. Grows from 2 to 3 feet high, with erect and graceful long spikes of tubular shaped flowers of varied and brilliant colors, and most beautifully mottled and spotted.

Nicotiana Affinis. No. 332.

Petunia

Pkt. cts.

343. Fine Mixed 5

344. Choice Mixed—Very fine.. 10

345. Hybrida Grandiflora—A mixture of the choicest single named sorts. Large showy flowers of the most brilliant colors.. 25

346. Giants of California—Mixed Colors—Single blooms are often 4 and 5 ins. across and of every conceivable shade of crimson, pink, white, lavender, etc., with wide deep throats, beautifully veined and shaded 25

347. Grandiflora Fimbriata, Single Fringed 50

348. " " Flore, Pleno, Double Fringed 50

Edges of flowers are fringed, and the colors and markings distinct and beautiful.

349. New Double Lilliput—Forms dense bushes studded with small double flowers of the most charming colors, in part spotted, striped and self-colored.. 50

350. Choice Mixed Double.. 50

351. New Giant Double—Pkts. of 50 seeds.. 75

For description, see "Novelties and Specialties."

The **Petunia** is one of the most popular and showy of all flowering plants, either in the house on in the open ground. Its exquisite and varied shades of color are equally attractive in large beds, in the mixed border, or in vases. Should be sown early, so as to have it flower from May till frost comes.

352. PERILLA, Nankinensis—H. h. a., 1½ feet 5

353. " Atropurpurea Variegata—H. a., 1½ ft. 5

Ornamental foliage; the former has dark mulberry colored leaves, while the latter are variegated.

354. PHYSALIS, Franchetti (Chinese Lantern Plant)—1½ feet, generally treated as a h. h. a. Large red cherry-like fruit, with a baloon-like transparent covering.. 10

355. PINK, China—H. b., 1 foot. Mixed colors.. 5

Petunia. No. 345.

Phlox Drummondii

DWARF VARIETIES, h. a.

Pkt. ct

356. Fireball—Intense scarlet, 8 ins.

357. Snowball—Pure white, 8 ins..

358. Surprise — Vermillion, with white centre, 8 ins.. .. ..

359. Fine Dwarf Varieties in mixed colors, 8 inches.. .. ..

TALL VARIETIES, h. a.

360. Fine Mixed Colors—1 ft.. ..

361. Grandiflora — Extra choice mixed, 1 foot.. .. ..

362. Cuspidata—(Star of Quedlinburg). Flowers are star-shaped and very pretty. Mixed colors, 1 ft.

363. Cuspidata, Silver Leaved—See "Novelties and Specialties.".. 25

364. Leopoldi—Crimson and white, 1 foot.. .. ..

365. Isabelina—Pale yellow, 1 ft.. 10

366. White—1 foot.. 10

367. Scarlet—1 foot.. 10

COLLECTIONS.

Collection, 18 separate colors.. .. .. $1.0

" 12 " " 0.7

" 6 " " 0.4

Phlox Drummondii can be treated either as a hardy or half-hardy annual. Makes a fine gay bed and is amongst the most popular of all annuals.

368. Polypteris Callosa—H. h. a. Graceful plant with showy foliage which during summer is completely covered with charming rose colored blooms, 1½ ft.. .. 1

Poppy, h. a.

Cardinal Poppy. No. 374.

Pkt. cts.

369. Single Peony Flowered — "Miss Sherwood" — Large single blooms of shining satiny white with upper part of corolla satiny rose. Beautiful foliage.. 10

370. Choice Mixed—Mixture of single and double varieties 5

371. New Japanese Pompone—1 foot Flowers are small and double; are produced in great profusion and in beautiful colors .. 10

372. The Shirley—1 foot. A single variety of exquisitely shaded colors, ranging from blush white, pink, and carmine to brilliant crimson.. 10

373. Carnation Flowered—2 feet. Double mixed.. 5

374. Cardinal—1½ feet. Double. Dark green foliage. Colors principally glowing scarlet on white ground.. 5

375. White Swan—2 feet. Forms a bush over which, on strong stems, are produced immense double blooms of pure white.... 10

376. Mikado—1½ feet. Pure double white, edged and fringed with scarlet.. 5

377. Danebrog—3 feet. Brilliant scarlet, blotched with silvery white.. 5

378. Murselli, Double (American Flag)—White and orange-scarlet. Fine.. 5

379. Tulip—H. a., 1½ feet. Vivid scarlet, with black spots at base of each petal, resembling a Tulip.. 10

380. Lævigatum Compactum—16 inches. Forms compact bush. The glowing dark scarlet blooms, with central black spots, are carried on slender stems, well above the foliage.. 15

Tulip Poppy. No. 379.

White Swan Poppy. No. 375.

Pkt. cts.

381. PORTULACCA, Grandiflora—H. h. a., ½ foot. Splendid double mixed.. 25

382. PORTULACCA, Single Mixed—H. h. a., ½ foot .. 5
Beautiful little annuals of extremely brilliant colors; make a pretty bed in any sunny situation.

Primula Sinensis Fimbriata

383. Alba—Pure white.. 50

384. Rubra—Red shades.. 50

385. Waltham Maid—Purple with pure white border.. .. 50

386. Meteor—Large flower of intense rich crimson.. 50

387. La Superbe—Crimson, spotted with white.. 50

388. Holborn Blue.. 75

389. Coccinea Magnifica—Rosy scarlet, clear sulphur eye.. 75

390. Chiswick Red—Brilliant crimson-scarlet.. 50

Primula Sinensis Fimbriata. No. 398.

Continued on next page.

PRIMULA SINENSIS—CONTINUED. Pkt. cts.

391. **New Violet Crimson**—This is a very pretty shade.. 50
392. **Alba Magnifica**—Dwarf habit; blooms are finely fringed, of great substance and pure white.. 75
393. **Ruby Queen**—New.. .. .. 1.00
394. **Waltham White**—New. Dark red stems.. .. .. .. 1.00
395. **Rubra Superbissima**.. .. .. 1.00
396. **Mars**—Fiery crimson.. .. .. 1.00
397. **Victoria Striata**—White, delicately tinged, and striped with carmine.. 50
398. **Ewing's Prize Strain**—Very best named sorts, mixed.. 50
399. **Rève d'Or**—See "Novelties and Specialties" 1.00
400. **Fern Leaved Varieties**—Red.. 50
401. " " " White 50
402. " " " Mixed.. 50
403. **Double**—Mixed colors.. 75
404. **Chinese Mixed**—Plain edged.. 10

Our **PRIMULA** comprises the very best named sorts, and the blooms are unsurpassed in size, substance and color.

Primula Obconica Grandiflora. No. 408.

405. **PRIMULA CHINENSIS STELLATA, "The Lady"**—As a decorative plant this charming Primula is very effective. The pure white flowers with distinct yellow eyes, are star-shaped and grow tier upon tier, so that the plant forms a most graceful pyramid. Both flowers and foliage have dark purple stems .. 75
406. " **Chinensis Stellata**—Red. Is of same habit of growth as "The Lady," the popular white variety, to which it makes a most effective contrast... 75
407. " **Chinensis Stellata Hybrida**—An improved form of Star or Lady Primula. The snow-white blooms, however, are nearly equal in substance and fringing to the best Chinese varieties. Fine for cutting.. 75
408. " **Obconica Grandiflora**.. 50
Delicate lilac shade, approaching to white. Is a continuous bloomer.
409. " **Japonica, or Japanese Primrose**. .. 25
A beautiful hardy Primrose, flowers are of all shades of crimson, maroon, lilac, white, etc., on stems 1 foot high.
410. " **Forbesi**—H. h. p. Specially adapted for greenhouse decoration. Produces an abundance of exquisitely graceful small pink blooms. Pyramidal habit; 1 ft.. .. 50
411. **PRINCE'S FEATHER, Mixed Colors**—H. a., 2 ft. 5
Elegant upright plumes of rich colors.
412. **PYRETHRUM, Golden Feather**—H. h. a., 1 foot. Bright golden foliage and stiff habit of growth. Is much admired as an edging plant.. 10

Pkt. cts.

413. **RHODANTHE, Fine Mixed**—H. h. a., 1 foot. If gathered ere the flowers fully expand, is, perhaps, the prettiest of all the "Everlastings".. 1

Ricinus, or Castor Oil Plant

Rhodanthe. No. 413.

414. **Zanzibarensis**—6 feet. The large wrinkled leaves are of a metallic olive-green, of great size and strongly ribbed. Pkt. 10c.
415. **Cambodgensis**—5 feet. Large bronzy maroon colored leaves with red veins. The main stem is jet black. Makes an exceedingly attractive plant, either singly, or in groups on the lawn. Should be sown early and transplanted. Pkt. 10c.
416. **Macrocarpus**—5 feet. pkt. 10c.

Pkt. cts.

417. **Purpureus Major**—Purple, 6 feet.. 10
418. **Borboniensis**—Violet leaves, 12 feet.. 10
419. **New Species from Phillipine Islands**—8 feet.. .. 10
420. **Sanguineus**—6 feet.. 5
421. **ROSA, Polyantha Dwarf**—H. h. p., 1 foot.. 1
Large semi-double flowers of all the colors usually found in other roses. Will flower in 8 weeks from time of sowing. .....
422. **RUDBECKIA, Bicolor Superba**—H. h. a., 2 feet. Branching habit, producing an abundance of blooms on long stems, with brown discs while the ray florets are yellow, with velvety spots at the base 15
423. " **Bicolor Superbissima Semiplena**—New. See "Novelties and Specialties".. 25

Rudbeckia Bicolor Superba. No. 422.

424. **SAINTPAULIA, Ionanthe**—Deep blue.. 50
425. " " **Rubra**—Lilac.. 50
A charming little pot plant, the leaves forming a flat rosette. Flower stems are from two to four inches high, crowned with deep blue and lilac-red flowers.

Sensitive Plant. No. 445.

Sweet Scabious. No. 440.

Salpiglossis Variabilis Superbissima. No. 433.

Perilla Nankinensis. No. 352.

Ricinus Zanzibarensis. No. 414.

Ricinus Cambodgensis. No. 415.

Pkt. cts.

426. SALVIA, Argentea—H. h. p., 3 feet. Silver-leaved plant of easy growth. Makes an appropriate edging for beds of Canna or Ricinus 5

427. " **Rœmeriana**—T. p., 2 ft. Beautiful scarlet. 10

428. " **Splendens**—T. p., 2 feet. Scarlet 10

429. " " **Compacta Nana**—A new and very dwarf variety with dazzling scarlet flowers.. 10

430. " " **Glory of Stuttgart**—A new brilliant scarlet variety producing large bouquets of bloom.. 10

431. " **Patens**—T. p. Handsome erect habit of growth, with bright, blue flowers.. 10

432. SALPIGLOSSIS, Fine Mixed—H. h. a., 2 feet.. .. 5

433. " **Variabilis Superbissima**—H. h. a., 2½ feet. A new form, producing one strong stem, which is closely studded with richly veined blossoms, thus giving each plant the appearance of a compact bouquet.. 15

434. " **Large Flowering**—2 ft. Mixed.. 10

435. " **Dwarf Mixed**—H. a., 1½ feet.. .. 10

Salpiglossis produces an abundance of funnel-shaped flowers, beautifully veined and marbled, of all shades of color. Fine border plant.

436. SANVITALIA, Procumbens—H. a., ½ foot. Double, yellow. A pretty creeping plant, suited for edgings of small beds or rockeries.. 10

437. SAPONARIA, Calabrica—H. a., 3 inches. Pink .. 5

438. " **Alba**—H. a., ½ foot. White.. 5

Makes a neat edging or bed. Very compact growth.

Pkt. cts.

439. SAXIFRAGE, Mixed—Mostly used in hanging baskets or rockwork, its long drooping tendrils suiting admirably for either purpose.. 10

440. SCABIOUS, Sweet—H. b., 2 feet. Tall mixed.. 5

441. " **Dwarf Mixed**—H. b., 1 foot 5

442. " **Snow White**—H. b., 2 feet. The flowers measure about 2 inches in diameter, of the purest white, and very double, with strong stems and luxuriant foliage. 10

443. " **Pompadour**—H. b., 2 feet. Produces enormous spherical blooms. The petals are large, black-purple at the centre, and pure white from the centre to the edge.. 10

444. SEDUM, Cœruleum (Stonecrop)—H. a., blue, ¼ ft. 10

445. SENSITIVE PLANT—H. h. a., g. 1 foot. Pretty foliage; the leaves close upon the slightest touch.. .. 10

446. SILENE, Pendula Double Dwarf—H. a., ½ foot. Flesh color with an abundance of perfectly double flowers. Forms dense close tufts.. 10

447. SMILAX—G. P. A much-admired greenhouse climber. The glossy green leaves and its length of stem cause the Smilax to be greatly prized for decorative purposes and in the formation of wreaths and crosses. 10 A splendid plant with bright red berries, for greenhouse or table decoration.

448. SOLANUM or JERUSALEM CHERRY, G... .. 10

449. STATICE—H. h. a., 1 foot. Fine mixed. A valuable Everlasting flower, equally prized for summer blooming and winter bouquets.. 5

450. " **Sinensis**—New. 1½ feet. Pure white.. .. 10 Changing to Canary yellow. Invaluable for cutting as blooms are "everlasting."

Dwarf Double Sunflower. No. 453.

451. SUNFLOWER, Tall Double Californian—H. a., 6 feet. Large orange flower.. 5

452. " **Globosus Fistulosus**—H. a., 6 ft.. 5

453. " **Double Dwarf**—H a., 3 ft. Orange. 5

454. " **Miniature**—H. a., 3 ft. Branching. Single flowers, orange, dark centres. 5

455. " **Mammoth Russian**—Single, h. a. 5

456. " **(Helianthus) Cucumerifolius "Orion"**—H. a. Grows about 4 feet. Of branching habit and covered with small, single yellow flowers, with twisted and fluted petals and dark centres. Useful for cutting.

Sweet Peas

The **SWEET PEA** still continues to receive a large amount of attention, both from skilled Horticulturists and enthusiastic Amateurs, and every year brings new and strikingly beautiful varieties. It has been a favorite for a long time, and justly so, as no plant excels it for garden decoration, cut flowers for bouquets, vases, etc., or for its delicious fragrance. Besides all these superlative qualities, it is so easy of cultivation that the Amateur can grow it just as successfully as the best professional gardener.

The 70 varieties which we offer separately, comprise all the best sorts in cultivation and about all that are truly distinct, either in color or form. It is well worth the trouble of all who have space enough, to sow Sweet Peas in separate varieties or colors, as, either when growing or when cut, they have a much more pleasing and striking effect than when mixed. Please note that our Sweet Peas have been specially and carefully grown, and not as a field crop, and must not be confounded with such seed.

GENERAL LIST

Cupid or Dwarf Varieties

Form dwarf bushes 6 to 8 inches in circumference and about the same in height.

Pkt. cts.

457. White.. 5

458. Pink.. 5

459. Alice Eckford—Standard creamy-white, blended with a shading of soft pink; the wings are silvery white with a faint flush in the centre.. 5

460. Primrose—Rich cream color.. 5

461. Cupid—Mixed varieties.. 5
Please note that the Cupids flower better if started in pots in the house or hot bed. After being planted out, never neglect watering in dry weather.

Sundry Special Varieties

462. DOUBLE—Mixed colors. About 30 p.c. will come true from seed.. 5

463. BURPEE'S NEW BUSH—Mixed varieties. A distinct race, of perfect bush form. The flowers are all borne on top of the plant. If planted in rows no supports will be necessary. 1½ feet.. 5

464. Earliest of All—About two weeks earlier than any other sort. Standards are bright pink and the wings white. By making successive sowings blooms can be had all the season. 2 feet.. 5

Tall Varieties

465. America—Blood red stripes on white ground.. 5

466. Apple Blossom—Bluish white, tinged with pink.. .. 5

467. Aurora—Silvery white ground, flaked with salmon... 5

468. Blanche Ferry—Pink, shaded with white 5

469. " " **Extra Early**—Same color, but ten days earlier.. 5

470. Blanche Burpee—Pure white.. 5

471. Black Knight—Deep maroon, self colored.. 5

472. Blushing Beauty—Flesh pink. Fine.. 5

473. Boreatton—Dark wine color.. 5

474. Butterfly White, blotched.. 5

475. California—Light pink.. 5

476. Captain of the Blues—Standard light maroon, wings light purple.. 5

477. Captivation—Light claret color.. 5

478. Chancellor—Orange pink, wings orange rose.. 5

479. Countess of Radnor—Delicate lavender.. 5

480. " **Cadogan**—Standard bright shining violet overlaid with sky-blue, wings pure sky-blue .. 5

481. Countess of Lathom—Pale pink.. 5

482. Crown Jewel—Primrose ground, veined with violet. 5

483. Dorothy Tennant—Beautiful rosy mauve.. 5

Sweet Peas—Continued.

Pkt. cts.

484. **Duke of Clarence**—Rosy-Claret color 5
485. " **Sutherland**—Deep claret and indigo blue 5
486. " **Westminster**—Deep rose-maroon overlaid with bright shining violet.. 5
487. **Eliza Eckford**—Standard rose with striped wings... 5
488. **Emily Eckford**—Reddish mauve, wings blue.. 5
489. **Emily Henderson**—Pure white, free bloomer.. 5
490. **Emily Lynch**—Deep rose pink, shaded with buff.. .. 5
491. **Fascination**—Blue and lilac.. 5
492. **Fashion**—Large self-colored flowers, between reddish-mauve and rich carmine.. 5
493. **Fire Fly**—Fiery scarlet.. 5
494. **Gorgeous**—Large flowers, standard rich orange-salmon, wings a deep shade of the same color.. 5
495. **Grey Friar**—A distinct variety. Blooms are shaded with purple on a silvery-white ground.. 5
496. **Golden Gate**—Pinkish-mauve or lavender.. 5
497. **Her Majesty**—Large blooms, rose.. 5
498. **Honorable F. Bouverie**—Standard flesh-pink, wings rosy-buff.. 5
499. **Invincible Carmine**.. 5
500. **Katherine Tracy**—Brilliant pink.. 5
501. **Lady Grisel Hamilton**—Pale lavender. A giant flowered variety.. 5

Sweet Peas—Earlscourt Prize Selection. No. 531.

Sweet Peas—Continued.

Pkt. cts.

502. **Lady Mary Curry**—Orange-pink, shaded with rosy-lilac.. 5
503. " **Nina Balfour**—Lavender, shaded with grey.. 5
504. " **Penzance**—Beautiful orange pink.. 5
505. " **Skelmersdale**—Pale rose-pink standard, wings white, suffused with lavender.. 5
506. **Lottie Eckford**—White, tinged with lavender.. 5
507. **Lovely**—Shell pink.. 5
508. **Maid of Honour**—Shaded with light blue, on a white ground, edged with deep violet.. 5
509. **Mars**—Bright scarlet, large and well formed.. 5
510. **Mrs. Dugdale**—Standard rose, shaded with primrose, wings primrose splashed with rose.. 5
511. **Modesty**—Delicate shade of pink.. 5
512. **Mrs. Gladstone**—Delicate rich rosy pink.. 5
513. **Mrs. Joseph Chamberlain**—Ground color silvery-white, striped with bright rose, large flowers.. 5
514. **Navy Blue**—Large flower, deep violet-blue.. 5
515. **Oriental**—Bright orange salmon.. 5
516. **Othello**—Deep glossy maroon.. 5
517. **Ovid**—Rosy-red.. 5
518. **Prima Donna**—Beautiful shade of blush pink.. 5
519. **Prince of Wales**—Bright rose, self-colored.. 5
520. **Queen Victoria**—Rosy-primrose, wings cream 5
521. **Ramona**—White, daintily splashed with pale pink .. 5
522. **Salopian**—The best Scarlet.. 5
523. **Sadie Burpee**—The best pure white variety 5
524. **Senator**—Chocolate stripe, on creamy white ground. 5
525. **Sensation**—Buff, pink, white wings.. 5
526. **Shazada**—Dark maroon, shaded purple 5
527. **Stella Morse**—Creamy white, with a tinge of pink.. 5
528. **Waverley**—Standard rosy-claret, wings light blue .. 5
529. **Mixed Varieties**—lb. 35c.; ¼ lb. 15c.; oz. 10c.; pkt. 5c.
530. **Eckford's Finest Mixed Varieties**—lb. 50c.; ¼ lb. 20c.; oz. 10c.; pkt. 5c.
531. **Earlscourt Prize Selection**—lb. $1; ¼ lb. 30c.; oz. 15c.; pkt. 5c. The Earlscourt is as fine a mixture of varieties as can be obtained anywhere, and includes the best sorts in cultivation. As we have made the selection ourselves of the varieties composing it, we are perfectly confident that results will be most satisfactory.

NOTE SPECIAL REDUCTION—Being so fully convinced of the much finer effect produced, either when growing or when the flowers are cut, of having varieties grown separately, we offer 50 pkts quoted at 5c. each, our selection for.. .. .. $1.25
25 Pkts. quoted at 5c. each, our selection for 0.75
10 " " " " " " 0.30
When orders are accompanied with cash.

Ten Week Stocks

Collection, 18 separate colors.. .. .. $1.25
" 12 " " 1.00
" 6 " " 0.50

532. **Fine Mixed Colors**.. 5
533. **Dwarf German Large Flowering**—Finest mixed. 10
534. **Large Flowering Pyramidal**—Finest mixed. 10
535. **Giant Perfection**—Finest mixed. A splendid tall variety, of pyramidal growth.. 10
536. **Victoria Bouquet**—Mixed colors. Forms a natural bouquet of pyramidal shape, the lateral branches being symetrically arranged round the main stem.. .. 10
537. **Mammoth Excelsior, Mixed**—Both plant and flower spikes are large and handsome.. 15
538. **Stock, East Lothian Intermediate**.. .. .. 10 Finest mixed or in separate colors, h. h. biennial, for green house culture.
539. **Snowflake or Early White**—Is the earliest white of all, and is admirably adapted for forcing.. 10
540. **New Perpetual (Princess Alice) Stock**—Pure white, very early and a profuse bloomer. Valuable both for forcing and for open ground culture 10

Ten Week Stock—Continued.

Ten Week Stock. Pkt. cts.

The Ten Week Stock produces its flowers in spikes of the greatest diversity of color. In large beds, in clumps of two or three plants, in mixed beds, or in rows, it looks splendid. Half-hardy annual.

541. TAGETES, Patula Nana Compacta—9 ins.. 10

542. " " " **Lilliput**—5 ins.. 10

Dwarf varieties of Marigold; bright yellow with elegant foliage; splendid bedding or border plant. h. h. a.

543. THUNBERGIA, Fine Mixed—H. h. a., climber. Is admirably suited for trellis work or hanging baskets. 10

Pkt. cts.

544. TORENIA, Fournieri—T. a. A fine plant, either for hanging baskets or pot culture. Flowers are large, sky-blue in color, spotted with indigo blue. Will keep in flower from June to September.. 15

545. TROPŒOLUM, Canariense or Canary Bird Flower—Beautifully cut leaves and yellow flowers. Hardy climber. 10

546. " **Lobbianum, Mixed Hybrids** .. 5

One of the best annual climbers, and a freer flowerer than the Tall Nasturtium.

Wild Cucumber. No. 565.

Verbena

547. Finest Mixed.... 5

548. Choice Large Flowering Hybrids—Mixed. Saved from best varieties. 15

549. Pure White. 10

550. Defiance—The popular scarlet bedding variety.. .. 10

551. Hybrida Compacta, Mixed Colors.. 15

Compact plants of five inches in height, completely covered with beautiful blooms.

552. Mammoth—This is a splendid strain saved from Henderson's Mammoth Hybrids.. 15

553. Venosa—12 inches. A bedder of erect habit. Flowers are bluish purple with a metallic tinge that glistens in the sun. Continues in bloom all summer 5

554. SWEET SCENTED VERBENA—(*Aloysia citriodora*). A woody plant for house culture.. 10

The Verbena is deservedly a great favourite, and no plant excels it in beds or borders. Sow in a hot-bed or in boxes in the house, and prick out the plants into small pots when two or three inches high, and afterwards plant out where intended to bloom.

555. VENUS LOOKING GLASS—H. a., ¾ foot. Mixed. 5

556. VINCA—T. p., 2 feet. Mixed. For conservatory.. .. 10

557. VIOLET, Sweet-Scented, English.. 10

558. " **The Czar**—G. p. Dark blue. Sweet-scented.. 10

559. VIRGINIAN STOCK, Mixed Colors—H. a., 9 ins. 5

A pretty little sweet-scented annual; the flowers completely hide the foliage; nice for beds or edgings. It blooms very early.

560. VISCARIA, Mixed Colors—H. a., 1 foot.. 5

An extremely pretty bedding annual, of compact growth. Both foliage and flowers are beautiful.

561. WALLFLOWER, Single Mixed Colors.. 5

562. " **Double Choice Mixed Colors**. 15

563. " **New Early Single**—H. a... 5

564. WHITLAVIA—H. a., 1 ft. For beds or edgings, and flowers well in the shade.. 5

565. WILD CUCUMBER—A rapid growing and handsome hardy climber and very popular. See illustration above.. 5

566. XERANTHEMUM, Fine Mixed—H. a., 1 foot. Plant out 1 foot apart. Flowers are large and abundant. "Everlasting Flower".. 5

567. ZINNIA, Grandiflora Laciniata—New double white. Blooms are perfect in shape and the petals have deeply fringed edges.. 10

Verbena Hybrida Compacta. No. 551.

Pkt. cts.

568. ZINNIA, "Iris"—New double, ground color is pale yellow, striped and spotted with crimson, pink and red.. 10

569. ZINNIA, Double Fine Mixed—H. a., 2 feet.. 5

570. " " " **Dwarf**—H. a., 1½ feet.. 5

571. " " **Choice Mixed**—H. a., 2 feet. Saved from best flowers only. Extra.. .. 10

572. " **Double Grandiflora Robusta, Extra Choice Mixed**—H. a., 2 feet.. 10

573. " **Double Choice Striped or Zebra**—H. a., 2 feet.. 10

574. " **Double New Dwarf Pumila Mixed**—H. a., 1½ feet. A semi-dwarf variety 10

575. " **Double Pompone or Lilliput.** 10
Of dwarf and compact growth, 9 ins. Charming little double flowers of various shades, which are useful for cutting. Makes a fine bed.

576. " **Double Giant Queen Victoria**—2½ ft. Pure white double flowers and extra large size. Comes true from seed and is deserving of universal culture.. .. 15

577. " **Haageana Hybrida**—Mixed.. 10
The flowers of the latter are single or semi-double; are numerous and remarkably varied in color, the rich shades contrast finely with the dark green foliage.

COLLECTIONS OF DOUBLE ZINNIA.

Tall Double.

Collection of 6 colors.. .. ..

SELECT LIST OF CHOICE HARDY PERENNIAL FLOWER SEEDS

HARDY PERENNIALS ARE BECOMING MORE POPULAR FROM YEAR TO YEAR, but this is not to be wondered at when we consider their great variety of form, both in flowers, foliage and height, their loveliness of bloom and wonderful effectiveness alike in borders or beds, and for cutting. There are varieties of the most stately growth and striking foliage and flowers, others are of the most chaste and beautiful hues to be found in any class of flowering plant, while those, like the Pansy, the Snowdrop, or the Daisy, have a modest beauty that is all their own, and which is not to be found in any of the aggressively showy plants used generally in bedding. In a perennial border every day brings to view something new, as the different varieties come into bloom, and these constant changes, as one species succeeds another in blooming, far surpass in interest and attractiveness the unvarying monotony of "carpet bedding."

Their inexpensiveness is another great recommendation, the first cost being all the outlay required, for when once planted and given a fair share of attention, they are sure to increase in size and beauty. With an assortment of Hardy Perennial plants, a most beautiful, interesting and continuous display may be kept up from early spring till late in the autumn, and this continues on from year to year.

When once the beds or borders of Perennials are thoroughly established and properly arranged as to height, time of blooming, etc., no one will think of returning to the yearly planting out of tender bedding plants, which is both troublesome and very expensive, and besides this the first breath of frost leaves the garden unsightly.

In the open ground Perennials should be sown either in May or June. Some may flower the same year, but all will be strong enough to transplant into the permanent borders in September and will bloom the succeeding season. To raise Perennials from Seed prepare a bed 4 feet in width, or 8 feet with a path in the middle, in a sunny situation, or, at all events, not in the shadow of trees, and if the soil is heavy, lighten it with sand and leaf mould, and rake *perfectly* smooth. Sow seed in shallow drills, six inches apart, and four feet is long enough to admit of weeding or thinning out the rows. After seeds are sown cover with a thin layer of straw or grass, which will retain the moisture given after sowing, and also will prevent heavy rains from washing out the seeds. Some of the varieties enumerated we are unaware of having yet been tried in Canada, so we are not perfectly certain of their hardiness in our climate, but such are not numerous, and lovers of Herbaceous Plants will risk a little to find this out for themselves we think, especially as a covering of a few inches of leaves in the fall will likely ensure their survival. We give the approximate time of flowering, which will help in making selections.

Note that at page 76 we offer an extensive assortment of **HARDY PERENNIAL PLANTS FOR SPRING PLANTING.**

Pkt. cts.

589. **ACHILLEA, Ptarmica Flore Pleno**—"The Pearl." 2 feet, July-September. Double pure white flowers; very numerous and fine for cutting .. 10
590. " **Multiflora Purpurea** .. 10
591. **ACONITUM, Napellus (Monkshood)**—Blue, 3½ feet, July-August .. 10
592. **ADENOPHORBA, Potanini**—Numerous light blue drooping flowers .. 25
593. **ADONIS, Vernalis**—Bright yellow flowers, 2 inches in diameter, 1 foot, May-June .. 5
594. **ADLUMIA, Cirrhosa**—A perennial climber of very graceful habit, with flesh colored flowers .. 10
595. **AETHIONEMA, Grandiflora**—Rose; 1 foot; June. 10
596. **AGRIMONIA, Pilosa**—Yellow; 2 feet .. 10
597. **AGROSTEMMA, Coronaria**—Rose Campion, 1 ft.; June-August. Bright rose-colored flowers .. 5
598. **ALYSSUM, Saxatile Compactum**—½ foot; yellow, May-June .. 5
599. **ALLIUM, Azureum**—1½ feet; June-July .. 10
A blue flowering plant of the Garlic family.
600. **ALSTROMERIA, Chilensis**—3 feet; July-Sept. Bright yellow, in clusters .. 10
601. **ALSYNE, Pinifolia Gracilis** .. 5
602. **AMPELOPSIS, Veitchii or Boston Ivy** .. 10
A pretty hardy climber. The leaves of the young growth in summer are of a purplish green, changing in autumn to crimson and orange. We can supply plants of Ampelopsis Veitchii, from 25c. each up.

Pkt. cts.

603. **ANCHUSA, Italica**—Deep blue; 2 ft., July-August. 10
604. **ANEMONE, Japonica**—Rose; 3 feet, September .. 10
605. " **Pulsatilla**—Lilac; ¾ foot, May-June .. 10
606. " **Sylvestris**—Pure white, May-June .. 10
607. " **Hortensis**—Rosy-purple, 10 ins., May .. 10
608. **ANTHEMIS, Kelwayi**—Yellow; 1½ feet, May-June. 10
609. **ANTHERICUM, Graminifolium**—White; 2 feet, May-July .. 10
610. **AQUILEGIA, Long Spurred Double Flowering Hybrids**—New. See "Novelties and Specialties" .. 50
611. " **Chrysantha (Golden Columbine)**—Yellow, tinted with carmine-claret; very handsome .. 10
612. " **Veitch's New Single Hybrids**—Choice mixed. Blooms have long spurs and are of the most beautiful colors .. 10
613. " **Stuarti**—See "Novelties and Specialties" .. 25
614. " **Choice Double Mixed** .. 10
615. " **Mixed Single** .. 5
The **Aquilegia** is one of the showiest perennials, growing from 2 to 3 feet in height. Produces most attractive bright colored blooms, which make a grand show in either beds or borders. May-July.
616. **ARABIS, Alpina, Nana Compacta**—6 inches .. 10
Pure white flowers and compact habit of growth; makes a fine edging and is most suitable for rockeries. May-June.

Canterbury Bell, Single. No. 655. Aquilegia. No. 615.

Pkt. cts.

617. ARISTOLOCHIA, Sipho—(Dutchman's Pipe) 10
A hardy perennial climber, with beautiful large heart-shaped leaves.

618. ARMERIA, Cephalotes—Rose; 15 inches.. 10

619. " **Maritimum Splendens**—Dark rose.. 10

620. " **Formosa, Mixed**—The **Armeria** (Sea Pink) looks well in either beds or edgings, and it is a remarkably free flowerer. July-September.. 5

621. ARNICA, Montana—1 ft. A rock plant.. 5

622. ASCLEPIAS, Incarnata—Rose-Purple; 3 ft.. 10

623. " **Tuberosa**—Bright-orange; 1½ feet; August.. 10

Arabis Alpina Compacta. No. 616.

624. ASTER, (or Michaelmas Daisy)—Mixed varieties. Blooms are beautiful in color and form; and the plant itself most graceful in habit; 2 to 4 ft., September-Oct. pkt. 10c.

625. ASTER, Alpinus—9 ins. Blue, September. pkt. 10c.

626. ASTER, Alpinus—9 ins. White, September. pkt. 10c.

627. ASTER, Nova Angliæ—3 ft. Large purple flowers. pkt. 10c.

The **Hardy Asters** are of easy culture and are among the best of all perennials.

628. ASTERICUS, Sericens—pkt. 5c.

Campanula Persicifolia Alba. No. 650.

Pkt. cts.

629. ASTRAGALUS, Alopecuroides—3 feet. Yellow .. 5

630. AUBRETIA, Deltoides—Trailing. Dark blue; 4 inches, May-June.. 10

631. " **Purpurea**—Purple; 6 ins., May-June 10

632. " **Græca**—Purple; 6 ins., May-June.. ..10

633. AURICULA, Finest Mixed.. 10

634. " **Choice Mixed Hybrids**.. 25
A very beautiful spring flowering plant, with rich colored fragrant blooms; 6 inches, May.

635. BAPTISIA, Australis—Blue; 4 ft. For shrubbery borders; June-August.. 5

636. BOCCONIA, Japonica—6 feet. Highly decorative foliage plant, with creamy white flowers. Summer.. 5

637. BOLTONIA, Latisquama—3 feet, autumn. Bluish-white.. 15

638. BUPTHALMUM, Cordifolium—Yellow; 2 feet; May-June.. 5

639. CALAMINTHA, Alpina—Rose; 1 foot.. 10

640. CALLIRHOE, Lineariloba—Trailing, lilac striped, June-September.. 10

641. CALTHA, Palustris—6 ins. Bright yellow. Summer. Adapted for wet ground, but also does well in dry soil. A valuable perennial.. 25

Campanula

642. Mirabilis—See "Novelties and Specialties" for description.. 20

643. Elegans—See "Novelties and Specialties" for description.. 20

644. Fragilis—Prostrate, ¼ foot, purple.. 15

645. Carpatica or "Hair Bell"—Mixed. 6 inches.. 5

646. Grandiflora White late flowering.. 10

647. " **Blue** 2 feet.. 10

648. Macrantha—Long white spikes.. 5

649. Persicifolia—2 feet. Blue. One of the best.. 10

650. " **Alba**—2 feet. White.. 10

651. Pyramidalis—The "Pyramidal Bell Flower." Blue and white. Pyramidal form and literally covered with elegant bell-shaped flowers, good for either outside or greenhouse; 4 feet.. 10

652. Sarmatica—½ foot. Mixed colors.. 5

653. Turbinata—½ foot. Blue and white.. 5

654. Perennial—Varieties in mixture.. 5
Campanulas flower from June to August.

655. CANTERBURY BELLS, Single Mixed.. 5
Rose, white and blue, h. b., 2 feet.

656. CANTERBURY BELLS, Double Mixed 10
Rose, white and blue, h. b., 2 ft.

Pkt. cts.

657. CANTERBURY BELL, Calycanthema (Cup and Saucer)—H. h. b., 2 feet.. 10
The **Campanulas,** including Canterbury Bells which are hardly biennials, are amongst the most showy and effective of all border plants. Being of many different heights, and flowering at different times, are great points in their favor; June-August.

658. CARYOPTERIS, Mastacanthus—5 feet. Blue; August-September.. 10

659. CATANANCHE, Cœrulea Bicolor—2 feet. Blue and purple; July-August.. 5

660. CEDRONELLA, Cana—2 to 3 feet. Crimson; July. 10

661. CENTAUREA, Babylonica—Yellow; 6 ft. Silvery foliage, July-September 10

662. " **Montana**—White, 1½ feet. Silvery foliage.. 10

663. " **Diluta**—Bushy plant, 2½ feet. Literally covered with lilac-rose, white centered flowers on long stalks.. 10

664. CEPHALARIA, Tartarica—5 feet. Creamy-white; July-August.. 5

665. CHELONE, Barbata (Penstemon)—2½ ft. Deep red, July.. 5

666. CHRYSANTHEMUM, Uliginosum—(Pyrethrum) 5 feet. Hand- pure white single flowers, Aug.-October.. .. 10

667. " **Maximum "Triumph"**—(Leucanthemum) 2 feet. Extremely large, pure white flowers. All summer.. 15

668. " **Leucanthemum "Shasta Daisy"**—See "Novelties and Specialties".. 25

669. CIRSIUM, Pulcherrima—3 feet. Purple; thistle-like plant.. 5

670. CLEMATIS, Paniculata—Climber. White, September.. 10

671. COMMELLINA, Cœlestis—½ foot. Blue, May.. .. 5

672. COREOPSIS, Grandiflora—3 feet. Deep yellow, June-October.. 10

673. " **Lanceolata**—2 feet. Golden-yellow, June-October.. 10

674. " **Auriculata**—3 feet. June-October .. 10

675. COWSLIP, Finest Mixed—6 inches. Spring.. 5

676. CORYDALIS, Alba—1 foot. White, June.. 10

677. CRUCIANELLA, Stylosa Purpurea—½ ft. Purple, June-July.. 5

678. CUCUMIS, Perennis—Ornamental Climbing cucumber.. 10

679. CYNANCHUM, Acutum.. 10
Climbing habit. White; 2 feet, July.

680. DAISY, Double Extra Choice Mixed—4 inches. 10

681. " **New Giant Double**—Extra robust habit. Flowers as large as small Asters.. 15

Chrysanthemum Maximum "Triumph." No. 667.

Pkt. cts.

682. DAISY, Double Quilled—The flowers are beautifully quilled.. 10

683. " " **Longfellow**—4 inches.. 10
Very large deep rose-colored flower.

684. " **Snowball**—4 inches. Pure white double .. 15
Daisies flower from spring to fall, excepting for a short time in midsummer.

685. DELPHINIUM, Formosum—Blue, white eyes; 3 ft. 5

686. " **Cashmerianum**—1½ feet. Bright blue, July.. 15

687. " **Chinensis**—White, 3 feet.. 5

688. " **Hendersoni**—3 feet. Dark blue. .. 10

689. " **Zalil**—3 feet. Long beautiful spikes of yellow flowers; a beautiful and rare variety.. 15

690. " **Double**—3 feet. Finest mixed. Includes all the newest double hybrids 15

691. " **Single Mixed Hybrids**—4 ft.. ... 5

692. " **New Dwarf Compacta**—2½ feet. 10

693. " **Nudicale**—15 ins. Dwarf and compact plant, with splendid scarlet blooms.. 10

694. " **Speciosum Glabratum**—New. See "Novelties and Specialties".. 25

Cup and Saucer Canterbury Bell. No. 657.

Coreopsis Grandiflora. No. 672.

Delphinium. No. 691.

The **Delphinium** is one of the most imposing of hardy perennials, producing long spikes of bloom of the most gorgeous shades of color—blue, of various shades predominating. Is of easy culture, but its real beauty can only be seen when special attention is paid to the cultivation and manuring of the soil. Makes particularly striking groups on the lawn or in mixed borders. June-July.

Double Quilled Daisy. No. 682.

695. DIANTHUS, Plumarius, Semi-Double. Mixed—9 ins. Sweet-scented, June.. 10

696. " " **Nanus Flore Pleno**—See "Novelties and Specialties".. 25
(See Sweet William for Dianthus Barbatus).

697. DICTAMNUS, Fraxinella—3 feet. Red, sweet-scented.. 10

698. DIGITALIS, Alba—4 feet. White.. 5

699. " **Purpurea**—4 feet. Purple.. 5

700. " **Canariensis**—4 feet. Yellow.. 10

701. " **Ferruginea Gigantea**—Brown and yellow.. 5

Gentiana Acaulis. No. 741.

702. DIGITALIS, Mixed Varieties—4 ft. pkt. 5c.

703. DIGITALIS, Gloxinoides—4 feet. Beautifully spotted. pkt. 5c.

704. DIGITALIS, Ivery's Mixed—4 feet. Saved from only the choicest flowers. pkt. 10c.

Digitalis. No. 702.

Pkt. cts.

705. DIGITALIS, Monstrosa, Mixed—4 feet. Similar in habit to other varieties excepting that the point of each spike is surmounted by a large, flat salver-shaped bloom.. 10

The **Digitalis** or **Fox Glove** produces a mass of broad, dark green root-leaves from which the handsome flower spikes spring. These 4-feet-long stems are closely studded with drooping, bell-shaped flowers, producing a fine bold effect in almost any position. July-August.

706. DODECATHEON, Meadia (American Cowslip)—1 foot. Pale purple, June.. .. ..

Eryngeum Giganteum. No. 720.

Pkt. cts.

729. FUNKIA, Fortunei—½ feet. Pale lilac, long stem, July-August.. 25

730. " " **Folis Variegatis** — Foliage white and green, July-August.. 25

731. " **Ovata**—2 ft. Lilac, June.. 50

732. " " **Alba Marginata**—2 feet. Lilac, leaves edged with white, June.. 50

733. GAILLARDIA, Grandiflora—2½ feet. Yellow with central crimson ring; pkt. 10c.

734. GAILLARDIA, Compacta—Large yellow flowers, with central crimson ring; 1 ft. pkt. 10c.

Gaillardia Grandiflora. No. 733.

735. GAILLARDIA, Sulphurea Oculata—2½ ft. Ray florets pale sulphur yellow with violet ring and purple disc.. 10

736. " **Aristata**—3 feet.. 5

737. " **Grandiflora Foliis Aurea Variegata**—New. See "Novelties and Specialties".. 20

738. " **Semi-Plena Grandiflora** — See "Novelties and Specialties" 20

The **Gaillardia** is unrivalled for the beauty of its flowers and continuous flowering.

Pkt. cts.

739. GALEGA, Officianalis—4 ft. Lilac and white pea-shaped blooms, July-August.. 5

740. GAURA, Lindheimeri—3 ft. White, summer.. .. 5

741. GENTIANA, Acaulis—6 ins. Blue, Aug.-September. 10

742. " **Cruciata**—2 ft. Violet-blue, July.. .. 5

743. " **Recumbens**—2 feet. Blue, August. .. 10

744. " **Lutea**—2 ft. Yellow, August.. 10

745. " **Pneumonanthe**—2 ft. Blue, August.. 25

746. " **Przewalski**—6 ins. Dark blue, July.. 10

747. GERANIUM, Sanguineum—1½ ft. Blood red, Aug. 15

748. GEUM, Atrosanguineum—1½ feet. Bright scarlet; fine for cutting, August-September.. 10

749. GILLENIA, Trifolata—3 ft. White, slightly tinged with pink, July.. 15

750. GLAUCIUM, Fischeri—3 feet. Snow-white. Is in reality a biennial, but reproduces from seed.. 10

751. GLOBULARIA, Trichosantha—8 ins. Light blue. 10

752. GNAPHALIUM, Leontopodium—1 foot. This is the "Edelweiss" of the Alps. The flowers are pure white and star-shaped, May-June.. 25

Chater's Double Hollyhock. No. 769

Pkt. cts.

753. GUNNERA, Manicata—4 ft. Is perhaps the noblest of all Lawn Foliage Plants. Does best in moist rich soil. Must never suffer from want of water. Gigantic leaves. 10

754. " Scabra—4 feet.. 10

755. GYPSOPHILA, Paniculata—3 ft. Long panicles of white flowers, excellent for cutting; a choice, hardy, herbaceous plant, July-August 5

756. " Acutifolia—Like preceding, but with greener leaves.. 5

757. HAPLOCARPHA, Leichtlini.. 10

758. HEIMIA, Salicifolia—5 feet.. 10

759. HELENIUM, Bigelowii—3 feet. Rich yellow, with brown central disc, July-September.. .. 15

760. " Hoopesi—3 feet. Brilliant orange-yellow, July-August.. 5

761. " Autumnale Superbum — New. See "Novelties and Specialties".. 30

Incarvillea Variabilis. No. 778

762. HELIANTHEMUM, Mutabile—Mixed colors 5

763. HELIANTHUS, Rigidus (Sunflower).. 25
Ray florets yellow; disc chocolate; 3 feet.

764. HELIOPSIS, Pitcheriana—3 ft. Yellow, Sept.. .. 25

765. HEUCHERA, Sanguinea—(Coral Plant) 1 ft. Red. 15

766. " Alba—1 foot. White.. 25

Heucheras throw graceful spikes of delicate flowers, which for cutting cannot be surpassed. We strongly recommend them as amongst the choicest herbaceous plants and they also force well.

767. HIBISCUS, Moscheutos Roseus—5 ft. Light rose with purple eye, August-September.. 10

768. HIERACEUM, Aurantiacum—1½ feet. Orange, July-August.. 10

769. HOLLYHOCK, Chater's Extra Choice Strain, Mixed—6 feet. Double blooms.. .. 25

770. " Alegheny—Flowers have not the stiffness of the ordinary variety, but have loosely arranged, curiously fringed petals in color varying from pale pink to deep red.. 15

771. " Finest Mixed.. 10

The stately growth and magnificent flower spikes of the **Hollyhock** render it a most striking and effective plant either in groups or in the back rows of herbaceous borders, July-August.

772. HOP — Well known hardy climber. pkt. 5c.

773. HOP, Japanese—pkt. 10c.

774. HYACINTHUS, Candicans—2 feet. Pure white, drooping funnel-shaped flowers; very fragrant, August. pkt. 5c.

775. HYPERICUM, Elegans—1 ft. Yellow, July-August. pkt. 10c.

776. IBERIS, Sempervirens —1 ft. White. pkt. 5c.

777. IBERIS, Gibraltarica — 1 foot. Pink. pkt. 10c.

These **perennial Candytufts** flower profusely; are useful for cutting; and satisfactory whether grown in beds or borders, May-June.

Inula Grandiflora Glandulosa. No. 780.

Pkt. cts.

778. INCARVILLEA, Variabilis—3 feet. Rose.. 15

779. " Delavayi—See "Novelties and Specialties".. 25

780. INULA, Grandiflora Glandulosa—2 feet.. 25
Large golden yellow flowers, June-August.

781. " Glandulosa Laciniata—New. See "Novelties and Specialties".. 50

782. ISATIS, Glauca—New. See "Novelties and Specialties".. 30

783. JURINEA, Eversmanni—1 foot. Purple, August .. 10

784. KITAIBELIA, Vitifolia—6 ft. Rose, Aug.-Sept.... 10

785. KUHNIA, Euparoides—1 ft. Cream color, August. 10

LEUCANTHEMUM—See Chrysanthemum.

786. LEPTOSINE, Gigantea—3 feet. Yellow.. 10

787. LIATRIS, Spicata (Blazing Star)—2 feet.. 10
Purple; July-August. Bright and effective in mixed borders.

Perennial Lupin. No. 795.

788. LINUM, Flavum—1 foot. Yellow, August.. 10

789. " Perenne—1½ feet. Blue, August.. 5

790. LIGULARIA, Macrophylla—3 ft. Yellow spikes.. 15

791. LINARIA, Alpina—4 ins. Purple and orange 15

792. LINDELOFIA, Spectabilis—1½ feet. Purplish red, August.. 5

Pkt. cts.

793. LOBELIA, Fulgens Nanseniana — New. See "Novelties and Specialties".. 25

794. " **Cardinalis**—2 feet. Scarlet, July-Sept... 10

795. LUPINUS, Polyphyllus—4 ft. Blue, June-July.. . 10

796. " **Arboreus, Yellow Tree Lupin**—Yellow, 3 feet, June-July.. 10

Lupins are of easy culture and the seed should be sown where intended to bloom, as they are troublesome to transplant. Are amongst the showiest of summer flowering plants, and their long spikes of richly colored blossoms are specially adapted for mixed borders.

Lychnis Haageana Hybrida. No. 799.

797. LYCHNIS, Chalcedonica —3 ft. Scarlet, June-August. pkt. 5c.

798. LYCHNIS, Alba—3 ft. White, June-Aug. pkt. 5c.

799. LYCHNIS, Haageana Hybrida—2 feet. Mixed scarlet and white, June-Aug. pkt. 10c.

800. LYCHNIS, Viscaria—1 feet. Bright rose, June-August. pkt. 5c.

801. LYCHNIS, Mixed Varieties —pkt. 5c.

Lychnis should be included in all perennial collections. The large glowing flowers of the Chalcedonica varieties are striking. "Haageana" is remarkably showy, and stands long after being cut.

Pkt. cts.

802. LYTHRUM, Roseum Superbum—3 feet. Long spikes; rose, August-September.. 5

803. MALVA, Moschata—2 ft. White, July-Sept.. 10

804. MATRICARIA, Eximea Nana, "Golden Ball" —1 foot. Yellow, June-July.. 15

805. MERTENSIA, Siberica—15 ins. Purple, June.. .. 15

806. MICHAUXIA, Campanuloides—4 feet. White, tinged purple, summer.. 10

807. MIRABILIS, Multiflora—2 feet. Purple. pkt. 10c.

808. MONARDA, Didyma—3 ft. Scarlet, June-August. pkt. 25c.

809. MONARDA, Hybrida—Mixed colors. pkt. 10c.

810. MONTBRETIA, Mixed—2 ft. Different shades of orange, July-September. pkt. 10c.

811. MORÆA, Tristes— —1 foot. Brown, June. pkt. 10c.

812. MORINA, Longiflora—2 feet. White, changing to crimson, June-Aug. pkt. 5c.

Monarda Didyma. No. 808.

813. MYOSOTIDIUM, Nobile—1½ feet. White, spring.. 15

814. MYOSOTIS, Forget-me-not, Mixed—12 inches. Blue and white, May-June.. 5

815. " **Alpestris Triumph**—1 foot. Azure blue, May-June.. 25

816. " " **Stricta Rosea** — Upright growth, pink, May.. 10

817. " **Dissitiflora**—6 ins. Blue, May-June.. 15

Pkt. cts.

818. MYOSOTIS, Dissitiflora—6 ins. White, May-June 20

Myosotis, Alpestris and Dissitiflora are all large flowering Forget-me-nots, and also of erect, stiff growth. t..

819. OBELISCARIA, Pulcherrima (Rudbeckia Drummondii)—2½ feet. Rays brown and yellow, autumn .. 5

820. ŒNOTHERA, Fraseri—1½ feet. Yellow 10

821. " **Missouriensis** — Yellow. Trailing, June-August.. 5

822. " **Odorata**.. 5

823. " **Macrocarpa**—Yellow 5

824. " **Youngi, New**—See "Novelties and Specialties".. 30

825. ONONIS, Rotundifolia—15 ins. Bright red, June-July.. 5

826. OROBUS, Lathyroides—1½ ft. Blue, June-July .. 5

827. " **Niger**—3 ft. Purple, May-June.. 5

Charming plants. They produce a mass of tiny blossoms, which almost hide the foliage.

Pansy

Collection of 24 separate colors.. .. .. $1.50

" 18 " " 1.25

" 12 " " 1.00

" 6 " " 50

828. Prince Henry—New.. 50

For description see "Novelties and Specialties."

829. Fine Mixed.. 5

830. " " **French**.. 10

831. Ewing's Prize Strain—A superb strain of all the finest large flowering varieties. See "Novelties and Specialties." Per ¼ oz. $2.. 50

832. Masterpiece—New.. 25

Very large blooms with the richest combination of colors to be found in any variety of Pansy. Petals are overlapped at the edges, and are also waved and curled.

833. Bugnot's Choice Large Flowering.. 50

Is a distinct French strain. The blooms are large and of fine form, and the colors beautiful.

834. Cassier's New Large Flowering—Mixed colors .. 25

A magnificent strain with extra large flowers, and each petal is marked with a large dark blotch.

835. Odier or Five Blotched—Mixed colors.. 15

Splendid large flowering strain.

Continued on next page.

PANSY—CONTINUED.

Pkt. cts.

836. Peacock—Upper petals are ultra-marine blue with shades resembling peacock's feather, while the lower are claret-color, edged with white.. 25

837. Giant Trimardeau—Mixed colors. An extremely large flowering strain.. 25

838. Emperor William—Ultra-marine blue, with purple eye. Its blooms are carried well above the foliage, and is thus particularly adapted for bedding.. 15

839. Snow Queen—Pure satiny white, with yellow eye; useful for florists.. 10

840. King of the Blacks—Almost black.. 10

841. Victoria—Brilliant claret color.. 15

And many other named sorts.

842. Tufted Pansy—Mixed.. 25

The Pansy is an universal favorite, and its charming blooms are most effective in beds, lines, or in clumps in the mixed border. The wonderful diversity in the colors and the markings of the flowers, as well as the ease of culture, and the length of time it continues to bloom, all contribute to this. We make a specialty of the PANSY, and guarantee that "EWING'S PRIZE STRAIN" will produce flowers that cannot be surpassed in size, shape or brilliancy of coloring, and in it will be found representatives of all the best varieties of the present time. On this account we think it necessary only to offer, separately, representatives of a few of the leading and distinct strains. Though a hardy perennial, the largest and best blooms are always obtained from the first year's growth from seed. Blooms all summer.

Perennial Pea. No. 844.

843. PARDANTHUS, Chinensis—4 feet. Orange red, spotted with brown, June-Sept. pkt. 5c.

844. PEA, Perennial — Pink and white mixed. pkt. 10c.

845. LATHYRUS, or Hardy Sweet Pea, grows 6 to 8 feet high when trained on a trellis; is quite hardy. Flowers are borne in beautiful clusters. July-Sept.

846. PHYSALIS, Franchetti—2 feet. In autumn bears handsome orange-scarlet seed capsules, resembling Chinese lanterns.. 10

847. PHYSOSTEGIA, Virginica Speciosa—2 ft. Rosy lilac, July.. 15

848. PHYTOLACCA, Decandra—6 feet. White flowers with red berries.. 10

849. PHLOX—3 feet. Mixed colors.. 10

850. " **New Dwarf**—1½ feet. Mixed colors.. 15

Pkt. cts.

The **Perennial Phlox** is one of the most popular and best hardy perennials. Is of erect bushy habit, and produces compact showy heads of bloom of the most beautiful and varied colors, August-September.

851. PLATYCODON, Grandiflora Alba—1½ ft. White, July 10

852. PLATYCODON, Grandiflora Nana Alba—1 ft. White, July 10

853. PLATYCODON, Duplex Semi-Double—1 ft. Blue, July.. 15

854. PLATYCODON, Grandiflora—1½ ft. Blue, July.. 10

Polemonium 856. Coeruleum. No. 856.

Perennial Phlox. No.

855. POLEMONIUM, Richardsoni—2 feet. Blue, July. pkt. 10c.

856. POLEMONIUM, Cœruleum Grandiflorum—2 ft. Light blue, June. pkt. 5c.

857. POLYGONUM, Multiflorum—2 feet. White, August, pkt. 10c.

858. POLYANTHUS—½ foot. Fine mixed. Most beautiful plant, either for out or indoor decoration. Very hardy and flowers early, May, pkt. 10c.

Pkt. cts.

859. PYCNANTHEMUM, Pillosum—5 feet. Purplish-white, August-September.. 10

Perennial Poppy

860. ICELAND—1½ feet. Single mixed.. 10

861. " 1½ feet. Double mixed.. 10

The Iceland variety is sweet-scented, and has satin-like flowers of every shade, from pure white to deep scarlet; from May, all summer.

862. Bracteatum—3 ft. Blood red, July.. 10

863. Orientale—3 ft. Different shades of red and orange, July.. 10

The two latter produce immensely large flowers of exceptionally brilliant colors.

864. Perennial Poppy Varieties—In mixture.. 10

The **Poppy** is a most valuable and effective border plant.

865. POTENTILLA, Hybrida—Double mixed, 1½ ft.. .. 25

866. " " Single mixed, 1½ feet .. 10

Produces blooms of velvety texture, in crimson, maroon and orange-yellow, June-August.

867. PRIMULA, Cortusoides—9 ins. Deep rose, May-June.. 10

868. " **Hybrida**—Large flowering hardy variety.. 25

869. " **Arctotis Hybrida**—New. For description see "Novelties and Specialties".. 30

Pkt. cts.

870. PRIMROSE—4 inches. Yellow, May-June.. 10
871. " **Irish**—In many colors. 4 ins., May-June.. 25
872. " **New Hybrids**—Blue, June.. 25
The blooms of the latter (carried well above the foliage) are of many beautiful shades of blue, from pale lavender to deep violet.
873. PRUNELLA, Grandiflora—6 ins. Violet, summer. 5
874. PULMONARIA, Augustifolia—9 ins. Blue, May. 5
875. PYRETHRUM, Single Mixed Hybrids—2 feet... 10
876. " **Double Mixed Hybrids**—2 ft., June-August.. 25
877. " **Roseum Hybridum Grandiflorum** 30
For latter, see "Novelties and Specialties."
Pyrethrums are quite hardy, and few herbaceous plants surpass them for effect in the mixed border or for cut flowers.

Single Iceland Poppy. No. 860.

878. RESEDA, Glauca.. 5
879. ROCKET, Sweet—2 feet. Sweet-scented. All summer.. 5
880. ROMNEYA, Coulteri—2½ ft. White, July-Aug.... 15
881. RUDBECKIA, Newmanii—3 feet. Golden yellow with black centre, August-Sept.. .. 20
882. " **Californica**—5 feet. Yellow with brown centre, September.. 10
883. " **Bicolor Superba Semi-plena**—New. See "Novelties and Specialties".. 25
884. SALVIA, Interrupta—3 feet. Violet-purple with white throat, June-July.. 5
885. SANGUISORBA, Officianalis.. 5
Dark purple; 3 feet, July-August.
886. SAPONARIA, Ocymoides—Trailing. Red, May-August.. 5
887. SAXIFRAGA, Umbrosa—1 foot. White and pink, June-July.. 25
888. " **Mixed Varieties**—15 ins. May-June. 10
S. Umbrosa under the name of "London Pride," or "None-so-pretty," is an old-country favorite hardy border perennial. Very graceful.
889. SCABIOSA, Caucasica—1 ft. Pale blue, July-Sept. 10
890. " **Fumœrifolia**—1 ft., July-September.. 5
891. " **Caucasica Perfecta**—See "Novelties and Specialties".. 30
892. SCUTELLARIA, Alpina—1 foot. Purple, lower lip yellow, August.. 5
893. SEDUM, Aizoon—4 inches. Yellow, June.. 10
894. " **Mixed Varieties**—4 inches, June 5
895. SIDALCEA, Candida—3 ft. White, July-August .. 10
896. " **Listeri**—See "Novelties and Specialties." 30
897. SILENE, Alpestris—6 ins. White, July-August.. .. 10
898. SILPHIUM, Perfoliatum—4 ft. Yellow, August-September.. 5
899. SOLIDAGO, Canadensis (Golden Rod)—5 feet. Golden yellow, August-September.. 5
900. STACHYS, Alpina—2 feet. Purplish red, July.. .. 5

Pkt. cts.

901. STACHYS, Lanata—2 feet. Silvery foliage; white flowers, July.. 5
902. STATICE, Incana—1 ft. Pinkish blue, July-August 5
903. " **Latifolia**—1½ feet. Blue, July-August.. 5
904. " **Mixed Varieties**—1½ ft., July-August. 5
905. " **Sinensis**—New. See "Novelties and Specialties".. 15
906. STELLARIA, Graminea Aurea—Dense matted growth, yellow foliage, white flowers, May-June 10
907. STEVIA, Purpurea—1½ feet. Purple, August 5
908. STOBIA, Membranifolia—3 ft. Purple, Aug.-Sept. 10
909. SWEET WILLIAM, Mixed Varieties—1½ feet.. .5
910. " " **Choice Mixed Single**—1½ ft. Saved from a superb collection of large flowering varieties.. .. 10
911. " " **Mixed Double**—1½ feet.. 10
Sweet William is an old favorite; hardly any plant presents a gayer appearance, either in beds or in clumps. It has large heads of bloom, is quite hardy and flowers early. It should be much oftener seen than it is. We strongly recommend it, and have taken pains to procure a grand strain of seed.
SUNFLOWER.—See Helianthus.
912. TANACETUM, Corymbosum—1½ feet. Yellow, July-August.. 5
913. " **Vulgare (Tansy)**—2½ feet. Yellow, August-September.. 5
914. THALICTRUM, Mixed Varieties—3 feet. White, fern-like foliage, June-July.. 5
915. THERMOPSIS, Lupinoides—1½ ft. Yellow, July.. 10
916. " **Carolineana**—1 foot.. 10
917. TRADESCANTIA, Virginica—2½ feet. Purple, all summer.. 15
918. TROLLIUS, New Mixed Hybrids—2½ ft. Creamy white to orange, June-July.. 10

Potentilla, Double Flowered. No. 865.

919. VALERIANA, Mixed—4 feet. Blue and lavender, June.. 5
920. VERATRUM, Nigrum—2 ft. Blackish-purple, July 15
921. VERBASCUM, Phœniceum—3 feet. Violet, rose and white.. 5
922. " **Spirale**—A newly discovered hardy perennial not previously offered to the public. For description see "Novelties and Specialties".. 25
923. VERBESINA, Virginica—2 ft. White, Aug.-Sept.. 10
924. VERNONIA, Arkansana—4 ft. Purple, August. .. 25
925. VERONICA, Spicata—2 feet. Blue, July-August .. 10
926. " **Mixed Varieties**—2 ft., July-August. 5
927. VIOLA, Mixed—6 inches, from spring to fall.. 10
928. WULFENIA, Carinthiaca, Mixed—1½ feet. Various colors, August.. 10
929. ZAUSCHNERIA, Californica—1 foot. Bright red, August.. 15

A group of Tuberous-Rooted Begonias.

BEGONIA.

Single Varieties, in separate colors, scarlet, white, yellow and rose, 10c. each; 90c. per doz.; mixed varieties, 10c. each; 75c. per doz.; $5 per 100.

SUMMER FLOWERING BULBS are sent by Mail. Post-paid, unless the contrary is stated.

Amaryllis, Formosissima—10c. each; $1 per doz. Rich blood crimson flowers. Adapted for pot culture, but will do well in a sunny border outside.

" **Johnsonii**—Large crimson flowers, striped with white; 50c. each.

" **Belladonna Major**—Silvery white turning to rose; 50c. each.

TUBEROUS-ROOTED BEGONIA.

The Tuberous Rooted Begonia, though valuable for pot culture and greenhouse decoration, is even more so for bedding out. The bulbs should be started either in the house or in a hot-bed, in pots, so as to be near the flowering stage about the end of May. This is time enough to plant out in the open ground, and in an ordinary season they will flower steadily from then till frost comes, and no plant makes a gayer or more attractive bed. The single flowers are large and numerous and of the most varied colors and delicate tints, and the same is true of the double varieties, which form perfect, double rosettes. Soil should be rich but not damp or too heavy, and they succeed best in a position that is shaded from the mid-day sun. Watering must be closely attended to. Lift the bulbs before the frost sets in, and store in a cool cellar, and start in pots to be ready to plant out in spring again.

Double Varieties, in separate colors; scarlet, rose, red, yellow and white, 20c. each; $1.75 per doz.; mixed varieties, 15c. each; $1.50 per dozen.

The Gladiolus is one of the most desirable of Summer Flowers. The blooms are of the greatest brilliancy and diversity of color, and costs less money for the display made from July to October (by making successive plantings), than any other Flowering Bulb. Plant 6 inches deep in rich soil, any time in May. Take the bulbs up in October and store over winter in a cool, dry cellar. A bed of a hundred or more is a grand sight. Our **Mixed Gladioli** are all **first size bulbs,** and will flower well the first season.

Prices of Gladioli are post-paid excepting by the hundred. The 100 rates do not include carriage or postage.

Special prices to large buyers.

	Per doz.	Per 100
Choice Mixed—All colors	25c.	$1.25
Pink and Rose—Mixed	35c.	2.00
Yellow and Orange—Mixed	50c.	3.50
Striped and Variegated—Mixed	45c.	3.00
White and Light—Mixed	45c.	3.00
Red and Scarlet—Mixed	25c.	1.50

Snow White—Each, 15c.; per doz., $1.75.

Butterfly, Lemoine's Hybrids—Per 100, $2; per doz. 35c.; each, 5c. Large blotches on lower petals. Colors are striking, ranging from rich yellow to dark crimson.

GLADIOLI—CONTINUED.

Childsi—Finest mixed. Each, 10c.; 80c. per dozen.
Of branching habit and grows from three to four feet. Flower spikes are sometimes 2 feet in length with extraordinary large flowers.

GROFF'S NEW HYBRID GLADIOLI.

Mr. Groff, after years of hybridizing the best varieties of the best classes of Gladioli and carefully discarding all flowers not reaching the highest standard of excellence, has succeeded in raising a new race of this gorgeous flower, altogether in advance of what has been, both in size of spikes and blooms and brilliancy and diversity of colorings. We are safe in saying these new hybrids are far superior to any Gladioli ever offered in Europe or America, and many of the colors have never before been thought possible to be produced in Gladioli. Groff's exhibit of Gladioli was a leading floral feature of the Pan American Exhibition, as nothing had been previously seen at all comparing with it.

Groff's World's Fair Collection—This new collection is prepared from high-class novelties of recent introduction and undoubted merit.
It contains only a few hundred varieties, specially selected from the cream of the best sorts, and is prepared to meet the demand for a limited number of extra choice types, rather than a collection of great range in variety.
Shades are of the most brilliant red, scarlet, crimson, cerise, yellow, blue and light colors, and the flowers are of exceptional size and beauty.
Collection of 25 large flowering bulbs $5.

Groff's Selected New Dark Hybrids—All shades and combinations of red, scarlet and crimson. Per doz. $1; 10c. each.
" " " **White, Light and Yellow Hybrids**—Per doz. $2; 20c. each.
" " " **Blue Hybrids**—Per dozen $2; 20c. each.
These new hybrids are the result of the most careful hybridizing and without doubt will produce grand flowers. The blue shades are the rarest and most wonderful results of Mr. Groff's work and shades no other hybridizer has produced (no smoky or slate blues).

Groff's Extra Selected Pan American Exposition Collection—Is made up from the choice new varieties exhibited at Buffalo in 1901, and not one variety has been used that the most critical could wish to be better. The combinations of colors are endless embracing the best productions of the most brilliant and at the same time delicate tints and striking contrasts of intense and vivid colors, practically unknown commercially. Flowers are of the largest size, spikes correct in form and plants of exceptional vigor. $1.50 per doz; 15c. each.

Special prices per hundred of Groff's Gladioli.

Groff's New Hybrid Seedling Gladioli—Per 100, $3; per dozen, 50c.

SUNDRY BULBS.

Apios, Tuberosa (Tuberous-Rooted Wisteria)—An elegant climber of quick growth. Dense foliage and purple blooms are produced in clusters. Sweet-scented and hardy. Bulbs, 10c. each; 75c. per dozen.

Caladium, Esculentum—Extra size. 25c. each; $2.50 per doz.; large sized bulbs, 15c. each; $1.25 per doz. If ordered by mail, add 2c. each for postage.
A most effective bright green foliage plant. Start in heat, and transplant into rich soil and water freely.

Canna—(Also see Plants). Dry bulbs each 10c.; dozen $1.00. Start in a hot-bed or in pots in the house.

Cinnamon Vine (Dioscorea Batatas)—Bulbs, 5c. each; 50c. doz. Hardy climbing bulbous rooted plant which dies to the ground every Fall, starting in Spring again and growing 8 to 10 feet high. Leaves are heart-shaped ,with small white flowers. Perfume resembles cinnamon.

Dahlia—(Also see Garden and Greenhouse Plants). Bulbs, mixed varieties, each 10c.; dozen $1.00.

Gloxinia—A charming summer blooming pot plant, each 15c.; dozen $1.50.

Iris—See Hardy Perennial Plants.

Lilium, Auratum—25c. each; $2 per dozen post-paid.
Large white flowers, the petals being delicately spotted with crimson, and striped with pale gold color. August.
" **Longiflorum Giganteum**—$1.50 per doz.; 15c. each, post-paid.
" **Speciosum Album**—25c. each; $2.50 per doz. post-paid. One of the most beautiful of all Lilies, with flowers of the purest white, 3 feet.
" " **Rubrum**—20c. each; $2 per doz., post-paid. Pure white ground, heavily spotted with crimson, 3 feet.

Lily of the Valley—Pips, 40c. per doz.; $2 per 100.

Madeira Vine—A sweet-scented climber useful for porches and arbours. Store roots before frost comes and plant out in spring. Per doz. 40c.; per 100 $2.25.

Montbretia—See Hardy Perennial Plants.

Tuberose, Double Excelsior Pearl—Each 5c.; dozen, 50c. post-paid; $2 per 100 by Express or mail at purchaser's expense.
Delightfully fragrant pure white flowers. Bulbs planted in open ground about the middle of May will bloom in September, but it is preferable to start them in the house or in a hot-bed.
" **New Albino Single**—50c. per doz.; 5c. each.
Flowers are large, with spreading pure white petals with no brownish tint so common in other sorts. One bulb throws up from two to five strong flower spikes, which are often branched. Flowers thirty days earlier than Excelsior Pearl, and on this account are specially valuable.

GARDEN AND GREENHOUSE PLANTS.

Prices quoted for plants do not include postage or express freight.

Asparagus Plumosus.

Price each cts.

Asparagus Plumosus.....25 to 60
" **Sprengeri**.....25 to 60
Two of the finest decorative plants, and valuable not only for their elegant and graceful foliage, but for their durability when cut.

Araucaria Excelsa—(Norfolk Island Pine).....$1 to 2.00
Unrivalled for symmetry of form and grace and beauty of foliage.

Begonia—(Gloire de Lorraine) and all the best varieties.....25 to 75

Cyperus Alternifolius—(Umbrella Plant)....25, 50 and 75

Dracœna Indivisa—(Fountain Plant).....25, 50 and 75

Ferns—(For house cultivation).....15 to 1.50
We offer a selection of all the most suitable varieties. Healthy plants.

Ficus Elastica—(Rubber Plant).....75 and 1.25
A useful and highly ornamental plant that will flourish under adverse circumstances.

Grevillea Robusta—(Silk Oak).....25 to 75
A fine and exceedingly hardy ornamental house plant.

Primula, Single and Double, and all other plants suitable for parlor decoration.

Price each cts.

Otaheite Orange—Fine decorative plant. A perfect dwarf orange, growing no larger than a specimen Geranium.. 35

Palm, Areca Lutescens—From.. .. ..$1.50 to 2.50
This majestic palm is without a rival for grace and elegance.

" **Cocos Weddeliana** .. ..75 to 1.50
Unexcelled for dinner table decoration. Exceedingly graceful.

Kentia Belmoreana.

Palm, Kentia Belmoreana—The Kentia class of Palms are among the very best for general cultivation, and are probably the most exempt from disease. Belmoreana is one of the best in its class.. .. ..$1.75 to 2.50

" " **Fosteriana**.. .. ..$1.50, $2.50 and 3.00

" **Latania Borbonica**—A palm possessing a strong constitution and other characteristics that make it a general favorite .. ..$2 to 5.00

Calla Lily, White (or Lily of the Nile)—$2.50 per doz... 25

" **Spotted**—(Richardia Alba).. 30
A splendid pot plant. Attractive even when not in bloom. Leaves are a rich green, beautifully spotted with white.

CANNA, New Large Flowering French Varieties—Comprising the best and new sorts. 25c. each; $1.50 to $2 per dozen according to size and variety.

CARNATION—Collection comprising all the best named varieties; 15c. each; $1.50 per dozen.

CHRYSANTHEMUM—Collection comprising all the standard sorts and newer introductions; 15c. each; $1.50 per doz. Prices for flowering plants in Fall on application.

DAHLIA, Double Cactus Flowered—Assorted varieties, 20c. each; $2 per doz. And we also offer the following new varieties:

" " **Clifford Bruton**—20c. each (Cactus). The finest yellow. Is a strong grower and profuse bloomer.

" " **William Agnew**—20c. each (Cactus). Rich dazzling red. Petals are long and beautifully twisted.

" " **Grand Duke Alexis**—20c. each (Cactus). Pure white, tinged with delicate pink.

" " **Nymphæa**—20c. each (Cactus). Beautiful light pink.

DAHLIA, Single Cactus Flowered—In varieties, 20c. each. $2 per dozen.

" **Double Large Flowering, Show and Fancy** In varieties, 20c. each; $2 per dozen. Including such sterling sorts as Frank Smith, Dandy, Maid of Kent, Robert Cannell, Mrs. Peart, Oban Beauty, Pluton, Ruby King, etc.

" **Double Black Diamond**—New. Rich dark maroon, blooms of extreme size and perfect form. An exhibition variety. Strong 40c. each.

" " **Pink Dandy**—New. Pure pink. Branching growth with extra long stems and perfect by form flowers. Strong plants

" " **Pompone**—In varieties, 20c. each; $2.00 per doz.

" **Single**—Assorted varieties, 20c. each; $2 per doz.

" " **Twentieth Century**—New. No Dahlia has ever created the sensation that this grand single variety has. The first blooms are rosy crimson tipped with white, with white band round disc. As season advances they become almost pure white suffused with soft pink, a wonderful blending of colors. Flower stems 3 feet, with perfectly formed blooms. A continuous bloomer. Strong plants, 50c. each.

MAGNOLIA, Alba Superba, Soulangea, Halleana, Stellata and Speciosa—In 10 in. pots at $2 each.

Please note that Plants offered are Pot Grown and sure to Flower.

Bedding Plants

Good-sized, carefully grown, well hardened off plants ready for planting out any time in May.

Alternanthera, Achyranthus, Ageratum, Coleus, Heliotrope, Lantana, Lobelia, Pyrethrum, Pansy, Single Petunia, Single Geranium, Verbena, Etc.

Price $1.00 per doz. 10c. each

Calceolaria, Pelargonium, Variegated Geranium, Fuschia, *Double Petunia, *Double and Single Geraniums, Etc.

Price $2.00 per doz. 20c. each

All large Plants. Those marked * $1.50 per doz.

For Seedling plants see page 61.

ROSES

Many varieties of flowers have attained their popularity in our own times, and the reputation of many more is but of yesterday. It is quite different, however, with the **Rose,** it has never gone out of fashion, but has reigned supreme from time immemorial, and continues to reign in the affection of the **Flower Lovers** of all nations, and still maintains its proud title of "**The Queen of Flowers.**"

Hardy Hybrid Perpetuals

2-year-old Plants which will bloom this Summer, but must be planted early to insure this. Special quotation for lots of 100 and upwards.

The following list includes all the best and hardiest varieties, 35c. each; per dozen $4.

Alfred Colomb, bright crimson. **Anna de Diesbach,** carmine. **Baroness,** pure white. **Captain Christy,** rose. **Charles Lefebvre,** bright scarlet. **Crimson Moss, Duke of Edinburgh,** vermillion. **Fisher Holmes,** lively crimson. **Crested Moss,** bright rose. **John Hopper,** rosy crimson. **General Jacqueminot,** glowing scarlet. **Louis Van Houtte,** reddish scarlet. **Magna Charta,** bright pink with carmine. **Margaret Dickson,** pure white. **Mrs. John Laing,** soft pink. **Baul Neyron,** dark rose. **Perle des Blanches,** white. **Persian Yellow. Pierre Notting,** violet red. **Prince Camille de Rohan,** fiery red. **Ulrich Brunner,** red cerise. **White Moss, etc. Provence or (Cabbage Rose),** white or red.

Climbing and Pillar Roses

Most of these climbing roses can also be grown in bush form.

Persian Yellow, 40c.; Rugosa Red, 40c.; Queen (Prairie Rose), 40c.; Gem of Gems (Prairie Rose), 30c.; Baltimore Belle, 30c.

Crimson Rambler—3-year-old plants 50c.; 1-year.. 25
One of the best hardy climbing roses. The flowers come in immense trusses of a rich glowing crimson. Shoots grow 8 to 10 feet in a season, and can either be pegged down or trained in any shape desired.

Yellow Rambler-Aglaia—3-year-old plants three-year 50c.; one-year.. 25
The yellow flowering only differs from Crimson Rambler in its colors

White Rambler-Thalia 75
" " Smaller plants.. 50
Produces great clusters of pure white blooms just as profusely as the Crimson Rambler, which it resembles in every respect, excepting color.

Empress of China—(Strong worked plants) 40
A true ever-blooming hardy climbing rose that will make a growth of 10 to 12 feet in a season. Flowers are similar in color to apple blossoms.

Marechal Neil.. .. .. $2 to $3.00 each.
We are importing a stock of specially prepared extra strong plants of this fine variety, suitable for walls and rafters of conservatories, etc. Shoots 8 to 10 feet in length.

TEA OR MONTHLY ROSES

Collection which includes all the Best Varieties—Each 15c.; per doz.. .. .. $1.50

Maman Cochet—Carmine colored and tinged with salmon-yellow. Strong plants, each 30c.; per doz.. .. 3.00

Gloire de Dijon—Yellow, salmon shaded 45

Marie Van Houette—Lemon, tinged with rose.. 45

Clothilde Soupert.. .. ..Per doz. $2.50 25
Perfectly double, pearl-white, with rose-pink centre.

Sweet Briars

Lord Penzance—Fawn and ecru.. 40

Lady Penzance—Soft copper tint.. 40

The Old English Variety.. 40

Hardy Perpetual Rose.

Hardy Flowering Shrubs do not receive the attention that their importance merits, for, in the embellishment of Flower Gardens, Lawns and Pleasure Grounds, they play a most important part in producing a pleasing effect by their variety of form, the beauty of their flowers and the different seasons at which they bloom. In many cases they are simply planted to fill up some odd corner, where nothing else will grow, whereas they deserve the most prominent positions and careful culture, and this they will repay a thousand fold. Prices are according to size of Plants.

Abies Pungens Glauca—One of the most beautiful and hardiest of all the Spruces. The foliage is rich blue or sage color and is of very dense growth. Suitable for Lawns or Tubs. Average 3 feet, $3 each.

Berberis Communis—(Barberry), 25c. to 50c. each. Red berries.

" **Communis Purpurea**—25c. to 50c. each. Dark purple leaves.

" **Thunbergii**—30c. to 50c. each. Berries bright red. Leaves become scarlet in fall.

Calycanthus Floridus, or American Allspice—30c. to 50c. each. Sweet-scented.

Clethra Alnifolia, or Sweet Pepper Bush, 25c. to 50c. each. July to September.

Cydonia Japonica (Japan Quince)—30c. to 50c. each. Deep scarlet. Flowers in May, 3 feet.

Desmodium Penduliflorum—50c. to 75c. each. A profuse bloomer, with pretty rose colored flowers covering the bushes from August till frost comes.

Deutzia Gracilis—White; 25c. to 50c. each.

" **Hybrida Lemoineii**—(New) 50c. each. Its pure white flowers are borne on stout branches of upright growth. Is a particularly free flowerer, far surpassing the older varieties in this respect.

Lilac—(White and many other colors assorted), 25c. to 50c. ea.

" **Charles the 10th**—New; red. 75c. each.

" **Marie Le Grange**—New; white. 75c. each. These latter two are the best Lilacs in cultivation for forcing; we can furnish strong dormant plants, well set with buds and ready for immediate use.

Hydrangea Paniculata Grandiflora—50c. to $1 each. The best of all late flowering shrubs. White, shaded pink. August to September. We also offer in standard form, with 3 feet stems and strong heads at $1 each.

Hypericum Moserianum (St. Johns' Wort)—30c. to 50c. each. Orange-yellow blooms. Flowers in August.

Mock Orange (Philadelphus)—25c. to 50c. each. White flowers.

Prunus Pissardii—50c. and 75c. each; standard trees, 8 to 9 feet, $2 each. Purple leaved Persian Plum. Leaves, when young, are lustrous crimson, changing to dark purple, retaining this beautiful tint till they drop.

Spirea Van Houteii—25c. to 50c. each. White.

" **Anthony Waterer**—25c. to 50c. each.

See Hardy Perennial Plants for other varieties.

Staphylea Colchica—(Bladder-nut); 50c. each. Fragrant white flowers, which hang from nodding panicles or racemes. Is hardy, but forces well when specially prepared for the purpose. Its peculiar fruit is the source of the common name, Bladder-nut.

Viburnum Opulus—(Snowball); 25c. to 50c. each. White. Blooms in May.

" **Plicatum**—(Japan Snowball); 30c. to 50c. White.

Weigelia of Sorts—25c. to 50c. each. Flowers are rosy-white. June-July.

" **Hybrida Eva Rathka**—New. 50c. to 75c. each. The blooms of this new variety are brilliant crimson.

Special quotations to large buyers.

Ampelopsis Veitchii.

Hardy Climbing Plants

Climbers should be more used than they are. They are capable, not only of transforming many an unsightly structure into a thing of beauty, by covering it with a mass of beautiful foliage and flowers, but such varieties as Ampelopsis, Clematis, etc., beautify the finest mansions and villas. We strongly recommend them all.

AMPELOPSIS, Veitchii (or Boston Ivy)—25c., 50c., 75c. each; $2.50, $5.00, $8.00 per doz., according to size. Special prices per 100 to large buyers.
One of the most ornamental climbers, clinging to the smoothest wall.

" **Quinquefolia**—(Virginia Creeper)—25c. each; $2.50 per dozen.

ACTINIDIA, Polygama—Strong plants .. ..each $1.00
A climber, of rare beauty. Flowers, which appear about the end of June, are creamy white, with the perfume of the Lily of the Valley. Beautiful foliage and berries. Remarkably free from insects. Is a rapid grower.

ARISTOLOCHIA, Sipho—(Or Dutchman's Pipe). 25c., 40c., 75c. each; $2.50, $4, $8 per doz., according to size of plants.

CLEMATIS, Jackmanii—And many other large-flowering varieties. According to size, 50c. to $1 each.
" **Paniculata**—25c. to 50c. each, according to size.

HONEYSUCKLE—Of sorts. 25c. each; $2.50 per dozen.

" " **Scarlet Trumpet**—50c. to 75c. each.
One of the handsomest varieties in cultivation, and a strong and rapid grower.

" " **True Dutch Fragrant**—50c. to 75c. each.
Blooms all summer and is very fragrant.

Hardy Perennial Plants

For Spring Planting

The following list of Perrennials will be found on examination to comprise all the best known varieties. At pages 62 to 70 of this Catalogue, will be found a particularly complete list of **HARDY PERENNIAL FLOWER SEEDS,** to which please refer. The remarks we make there, referring to the great worth of Hardy Herbaceous plants, and the particulars regarding the many sorts enumerated, need not be repeated here, but in cases where intending purchasers are unacquainted with varieties, some information will be obtained by noting the description in the seed list at pages 61 to 70.

We have in stock many varieties besides these enumerated below, so that intending purchasers can order almost any of the old favorites, and most of the new sorts, and have their orders executed. Most of these Perennials may be raised from seed, and will flower generally the second year.

We make the following offer for large orders:

100 plants in 50 Varieties, purchasers' selection from our list $12.50

100 plants in 50 Varieties, our own selection from our list.. .. ..$10.00

Please note that the above special prices do not include Nos. 13, 40, 49, 54, 68, 71, 78, 82, 94, 119, 132, 145, 146, 148, 149, 150.

PRICES ARE DELIVERED MONTREAL ONLY.

	Price each cts.
1. **Achillea Ptarmica**—Fl. pl., "The Pearl," 2 feet.. ..	15
2. **Aconitum Napellus**—Monk's Hood..	20
3. **Adlumia Cirrhosa**—Hardy climber..	20
4. **Adonis Vernalis**—1 foot..	15
5. **Agrostemma Coronaria**—1 foot..	15
6. **Alyssum Saxatile**—"Gold Dust," 1 foot..	15

Price each cts.

7. **Anthemis Kelwayi**—Yellow, 2½ feet.. 25
8. " **Tinctoria**—Yellow, daisy-like flowers. .. 15
9. **Aquilegia Hybrida**—(Columbine), assorted colors, 3 feet.. 20
10. **Anchusa Italica**—Beautiful blue flowers, 2 ft.. 20
11. **Anemone Japonica**.. 20
12. " " **Alba**.. 20
13. " **Queen Charlotte**.. 30
The latter is an entirely distinct Anemone. Is an extremely free flowerer, and the blooms are semi-double, of a bright pink, and the flower stems 1 foot in length.
14. **Arabis Albida**—8 inches (Double 25c.).. 15
15. " " **Variegata**—8 inches.. 20
16. **Armeria**—Of sorts.. 20
17. **Aster Alpinus**—Purple, 9 inches.. 25
18. " **Bessarabicus**—2 feet, purple and orange.. 25
19. " **Horizontalis**—Red and white.. 20
20. " **Grandiflora**—2 feet.. 20
21. **Astragalus Alopecuroides**—Yellow, 3 feet.. 20
22. **Baptisia**—In variety.. 15
23. **Bellis Perennis**—"English Daisy".. 15
24. **Bocconia Japonica**—A stately plant, creamy colored flowers, 7 feet.. 20
25. **Bupthalmum Cordifolium**—Yellow, 2 ft., May-June.. 15
26. **Callirhoe Verticulata**—1 foot, crimson 20
27. " **Lineariloba**—Trailing, lilac striped .. 20
28. **Campanula Carpatica**—Blue Bells.. 15
29. " " **Alba**.... 20
30. " **Glomerata Dahurica**.. 20
31. " **Persicifolia**—2 feet, blue.. 20
32. " " **Alba**—2 feet, white.. 20
33. " **Grandiflora**—4 feet, assorted colors.. 20
34. " **Medium**—"Canterbury Bells" in great variety.. 15
35. **Caryopteris Mastacanthus**—Blue, 5 feet .. 20
36. **Commellina Cœlestis**—Blue, May.. 15
37. **Catananche Bicolor**—2 feet.. 25
38. **Centaurea Rutherica**—2 feet, yellow.. 25
39. **Cerastium Tomentosum**—6 ins. Silvery foliage.. 15
40. **Clematis**—Many beautiful varieties.. $1.00
41. **Convallaria Majalis**—"Lily of the Valley" clumps. 15
42. **Carnation**—Hardy border sorts.. 20
43. **Chrysanthemum Maximum Filiforma**—2 feet, white; also **Triumph** and **Uliginosum**.. 20
44. **Coreopsis Lanceolata**—Yellow, 2½ feet.. 15
45. " **Grandiflora**—2½ feet.. 15
46. **Delphinium Formosum**—Blue, 4 feet.. 15
47. " **Hybridum**—Blue and white, 4 feet.. 15
48. " **Nudicaule**—Red, 18 inches.. 25
49. " **Zalil (Sulphureus)**—3 feet.. 50
D. Zalil is a grand acquisition and entirely distinct in habit and color. It produces long loose spikes of beautiful blooms, clear yellow in color; strikingly handsome in habit.
50. **Dianthus Barbatus**—"Sweet William" in variety .. 15
51. **Dicentra Spectabilis**—"Bleeding Heart".. 20
52. **Digitalis Purpurea and Alba**—3 feet.. 15
53. **Doronicum Plantagineum**—Yellow, 2 feet.. 20
54. **Echinacea Purpurea**—(Rudbeckia), 4 feet .. 30
55. **Echinops Ritro**—Blue, 4 feet.. 20
56. **Epilobium Hirsutum**—New. Rose, 4 feet .. 30
57. **Erigeron Pulchella**.. 25
58. " **Hybridus Roseus**—1 foot.. 25
59. **Erysimum Pulchellum**—6 inches, yellow.. 15
60. **Eryngeum Planum**—4 feet, blue.. 25
61. **Eupatorium Fraseri**—3 feet, white.. 25
62. **Felicia Abyssinica**—1 foot.. 20
63. **Ferula Gigantea**—6 feet.. 25
64. **Fragaria Indica**—Trailing habit, yellow.. 25
65. **Fraxinella**—Of sorts, 1½ feet.. 20
66. **Funkia Cordata**.. 20
67. " **Grandiflora**.. 20
68. " **Undulata Variegata**.. 40
69. **Galega Officinalis**—4 feet, lilac.. 20
70. **Gaillardia Grandiflora, Hybrids**.. 15

Price each cts.

71. **Gentiana Acaulis**—6 inches, blue.. 25
72. **Geum Coccineum**—1½ feet, scarlet.. 20
73. **Gypsophila Paniculata**—3 feet, white .. 15
74. " **Stevenii**—2 feet, white.. 20
75. **Helianthus Multiflorus**.. 15
76. " **"Soleil d'Or"**.. 15
77. **Hypericum Elegans**—Yellow, 1 foot .. 20
78. **Helleborus Niger**—(Christmas Rose).. 40
79. **Hepatica**—Of sorts.. 15
80. **Hemerocallis Flava**—Day Lily.. 20
81. " **Fulva**— " .. 15
82. " **Gigantea Aurantiaca**.. 40
The latter is the most beautiful of all the Day Lilies. Orange yellow, 2 feet.
83. **Helenium Augustifolium**—3 feet, yellow .. 20
84. " **Hoopesi**—6 feet, yellow .. 20
85. **Heliopsis Scabra**—4 feet, yellow.. 20
86. **Heuchera Sanguinea**—1½ feet, scarlet.. 20
87. " **Alba**—1½ feet, white.. 25
88. **Hesperis Matronalis**—Sweet Rocket.. 15
89. **Hieraceum Aurantiacum**—8 inches.. 15
90. **Hollyhock**—Extra fine seedlings.. 25
91. **Hyacinthus Candicans**—3 feet, white.. 20
92. **Iberis Sempervirens**—1 foot, white.. 15
93. **Inula Grandiflora Glandulosa**—Yellow.. 30
94. **Iris Kæmpferii**—(Japanese Iris). The most beautiful of all the Iris.. 35
95. " **German**—Of sorts.. 25
96. " Many other varieties.. 25
97. **Kuhnia Euparoides**—Cream color, 1 foot .. 20
98. **Lathyrus Latifolius**—Perennial Pea.. 25
99. **Leucanthemum Maximum**—3 feet, white.. 25
100. **Lobelia Cardinalis**—3 feet, scarlet.. 20
101. **Lindelofia Spectabilis**—Purple, 1½ feet .. 15
102. **Lupins**—Perennial varieties, 2½ feet.. 15
103. **Lychnis Flos Cuculi**—Double everblooming Lychnis, 1 foot, rose.. 25
104. " **Chalcedonica**—Assorted, 3 feet.. 20
105. " **Haageana**—1 foot, assorted .. 20
106. **Lythrum Roseum Superbum**—4 feet, rose.. 25
107. **Liatris Spicata**—Reddish purple, 2 feet.. 15
108. **Linaria Hendersonii**—1½ feet.. 15
109. **Monarda Didyma**—(Horse Mint), 3 feet, scarlet.. 20
110. **Monbretia**—3 feet, orange-scarlet.. 25
111. **Myosotis**—Of sorts "Forget-me-not".. 15
112. **Malva Moschata**—(Mallow), 2 feet, pink.. 15
113. " " **Alba**—2 feet, white .. 15
114. **Morina Elegans Longifolia**—3 feet, rose.. 25
115. **Œnothera Fraseri**—1 foot, yellow.. 20
116. **Ononis Rotundifolia**—15 inches, red.. 25
117. **Orobus Vernus**—(Bitter Vetch), 1 foot.. 20
118. **Pansy**—A fine collection, $1 per dozen.. 15
119. **Peony**—Assorted varieties.. 35
We also offer the following selection of named varieties: **Agida**, rich glowing dark red; **Argus**, light soft pink; **Delacheii**, extra fine dark crimson; **Formosa. Festiva Alba**, fine large pure white; **Grandiflora Rubra**, rich red; **Louis Van Houtte. Queen Victoria**, pure white; **Psyche**, outer petals rose, creamy-sulphur centre; **Rosea Superba**, rosy-pink, extra large.
We offer these choice varieties at 50c. each, or the whole collection of 10 for $4.
Tree Varieties—The two new varieties **Banksii** and **Moutan** at $1.50 each.
120. **Phytolocca Decandra**—White, long spikes.. 20
121. **Polygonum Multiflorum**—White, 2 feet.. 20
122. **Poppy Iceland**—Different colors, 1 foot.. 30
123. " **Oriental**—Different colors, 2½ feet.. 30
124. **Potentilla Hybrida**—Of sorts, 2 feet.. 30
125. **Phlox Decussata**—Assorted varieties.. 20
The great and increasing popularity of the Perennial Phlox has induced us to import and offer for sale a choice selection of the best named varieties: **Bacchante**, dark crimson; **Beranger**, white suffused with pink, rosy-lilac eye; **Bridesmaid**, pure white, crimson eye; **Coquelicot**, pure scarlet deep carmine eye; **Etna**, scarlet, dark crimson eye;

PHLOX—CONTINUED. Price each cts.

Jeanne d'Arc, late pure white; **Jocelyn,** dwarf, bright salmon-red; **La Nuit,** crimson-purple; **Matador,** orange-scarlet, cherry-red eye; **Michael Cervantes,** pure white, bright red eye; **Otto Thalacker,** dwarf, rosy-crimson; **Obergartner,** magenta, red eye; **Thebaide,** dwarf, salmon-red, crimson eye; **Wittig,** bright magenta, scarlet eye. All at 25c. each, or $2.50 per dozen.

126. Primula Vulgaris—(English Primrose).... 20
127. " **Japonica**—Beautiful hardy variety.. 20
128. " **Auricula**—Many fine varieties.. 20
129. " **Polyanthus**—Of varieties.. 20
130. " **Cashmeriana**—Lilac.. 25
131. " **New Hardy Large Flowering**—Beautiful and varied colors.. 20
132. " **New Hardy Giant Primrose, "Harry Mitchell."**—Is an entirely new species of Primrose, producing large trusses of pure yellow blooms 5 inches in diameter, and it flowers early in Spring; 9 to 12 inches.. 20
133. Pyrethrum Uliginosum—4 feet, white.. 20
134. " **Of Sorts**—Beautiful single flowers. .. 20
135. Rudbeckia—(Golden Glow), 6 feet, yellow.. 25
136. " **Newmanii**—3 feet.. 25

Price each cts.

137. Salvia Argentea—2 feet, silvery foliage.. 20
138. Scabiosa Caucasica—3 feet, lilac.. 20
139. Statice Lemonium—2 feet, blue.. 20
140. " In varieties.. 20
141. Sedum Aizoon—1 foot, yellow.. 20
142. Sidalcea Candida—3 feet, white.. 25
143. Spergula, Pelifera Aurea—Dense carpet of golden yellow.. 20
144. Spirea Aruncus—4 feet, white.. 25
145. " **Astilboides**—2 feet, white.. 40
146. " **Filipendula**—2 feet, white.. 25
147. " **Japonica**—1½ feet, white.. 25
148. " " **Compacta**—1½ feet; white .. 25
149. " " " **Variegata**.. 40
150. " **Palmata**—Beautiful rose flower.. 25
151. Thalictrum Adiantifolium—3 feet, fern-like foliage, white.. 20
152. Tradescantia Virginica—2 feet, purple .. 20
153. Valeriana Officinalis—4 feet, lavender.. 20
154. Veronica Spicata—1 foot, white.. 15
155. " **Mixed Varieties**—2 feet, July-August .. 15
156. Vinca Minor—(Periwinkle).. 15
157. Wahlenbergia Duplex—1 foot, white .. 20

Fruit Trees and Small Fruits

Apples

We are in a position to supply Apple Trees grown in the Province of Quebec, of the varieties best suited to our climate, of splendid clean growth, and taken up with the greatest care.

Special Prices per 100 to Large Buyers.

Summer Varieties—Tetofsky, Yellow Transparent, Red Astrachan.

Fall Varieties—Duchess of Oldenburg, Peach of Montreal, Brockville Beauty, St. Lawrence, Alexander, Switzer, John Richardson, Wolf River.

Winter Varieties—Fameuse, Wealthy, Winter St. Lawrence, McIntosh Red, Late Strawberry, Pewaukee, Canada Baldwin, Golden Russet, Scott's Winter, Canada Red. **Any of the above Varieties $4.50 in doz. lots; 40c. each.**

Crab Apples—40c. each.
Transcendent, Whitney's No. 20, Montreal Beauty, Gibb.

We particularly call the attention of fruit growers to the following specially valuable sorts of apples. They are all hardy, handsome in appearance, and of merit in every way.

Cox's Orange Pippin—Regarded in England as the finest apple for cooking or dessert. Medium size, crisp and juicy. Bright red on sunny side, with yellow and russet patches. 75c. each.

Bismarck—75c. each.
A fall apple. It is large, highly colored, an abundant bearer, and quite hardy. Commences to bear early. Is one of the good new things that has come to stay.

Ontario—A new sort that ranks high among commercial varieties. Is an early and abundant bearer (sometimes fruiting in the nursery row), of large size and a good keeper, 60c. each.

Dwarf or Pyramid Apples

GROWN ON PARADISE STOCKS.

To many of our customers whose gardens are small, and therefore unsuited for Standard or tall Trees, these Pyramid Varieties will be a great boon. They can either be planted out or grown in pots or tubs. Price, 60c. each, excepting Bismarck which is 50c. each.

Bramley (Cooking), Blenheim Orange (Dessert or Cooking), Tom Potts (Dessert or Cooking), Bismarck Cooking).

Plums

Each.

Blue and Yellow.. 50

English Damson—This is the old English variety, medium size, blue in color and the best preserving plum .. 60

Climax—The best sort Mr. Burbank has yet introduced. A strong grower, fruit as large as an ordinary peach, dark red and of fine quality. Ripens in September... 60

Prince of Wales—An excellent purplish red early variety. Is a sure bearer.. 75

Victoria—Fruit of the largest size, fine quality and purplish red color. A heavy cropper.. 60

Abundance—A new Japanese variety. Fruit large, tender, sweet and early; when ripe is of a cherry color .. 60

Burbank—Another hardy Japanese variety, producing large cherry-colored fruit of a peculiarly agreeable flavor. Of vigorous growth and very early.. 60

October Purple—A large light bluish purple sort, and a great bearer.. 75

Green Gage—An English sort that should be in every collection. Bears heavy crops and is a most luscious and deliciously flavored, yellow-colored plum .. 60

PEARS, The Leading Hardy Sorts, 50c. each, and we also take pleasure in offering **The Idaho,** a very promising New Variety of large size, greatly resembling the Bartlett, but of much more vigorous growth, and hardier. It is very prolific and of splendid quality.. 75

Cherries—The leading hardy sorts.. 50

" **Morello**—(English Preserving variety). Nearly black, juicy, acid, rich. Imported trees.. 85

Mulberry Russian—Perfectly hardy, 4 to 5 ft. plants.. 50

Grapes—Hardy varieties: including Agawam, Concord, Hartford, Barry, Champion, Lindley, Niagara, Wilder, Delaware, Merrimac, and many other sorts; all at 30c. each; or $3 per dozen.

Raspberries—Best varieties; 75c. per dozen.
The New Black Raspberry, **Cumberland.** It is perfectly hardy, the fruit of finest quality, of immense size and very productive. Is well worthy of the most extensive cultivation. 20c. each; $2 per dozen.

Blackberries—Best varieties; $1 per dozen.

Currants—Red, white and black. We offer all the best varieties in these at $1.25 per dozen.

Gooseberries—Of sorts; $2 per doz. And we also offer the new Gooseberry, **"Industry,"** which is the best variety now known. It is a heavy cropper, succeeds in all localities, free from mildew, and produces handsome, red berries; 25c. each; $2.50 per dozen.

Strawberries—The best varieties, including Gandy, Parker Earle, Dominion, Sharples, Manchester, Capt. Jack. Wilson, Crescent, and all the other new and best sorts, $1.50 per 100 all round.

We also offer the following new European variety; the **"St. Joseph ever-bearing."** The berries are oval in shape, rather pointed, and of a pale red color, and the flavor pleasant. Is a strong grower and very hardy, and may be said to bear **monthly crops.** Price, $3 per 100.

Fertilizers

To enrich soil and maintain its fertility, the economy of ploughing down nitrogen gathering plants, and more especially **Red Clover,** is now fully acknowledged. This is one point that the Chemist and the practical Farmer are entirely agreed on. We would advise our customers, if they have not it already, to at once write to Professor Saunders, Central Experimental Farm, Ottawa, for the Bulletin on this subject. The results obtained from the experiments made are so plain that Farmers should sow Red Clover Seed with every bushel of their grain, to be eaten off in the Fall, if they have the cattle, but anyway ploughed down then. Nitrogen, though important, is not everything, however, and one of the means that should be used in order to get the greatest profit from green manuring is to give the land before ploughing down the clover, a good dressing of **Thomas Phosphate Powder,** say 400 to 600 lbs. per acre, according to the crop intended to be grown. The addition of **Phosphoric Acid** to the nitrogen will work wonders. There is no doubt but that this system will pay in Canada just as well as it does in Europe, where it is common practice. However poor and run down any land may be, if it will only grow Red Clover, it can be quickly and economically brought to a condition capable of producing paying crops.

ALBERTS' THOMAS PHOSPHATE POWDER—Has been proved by carefully conducted and numerous experiments in comparison with other makes of artificial manures, taking its price into account, to be by far the most profitable in its application to **Roots, Corn, Grain, Hay or Pasture.** Its lasting effect is one of its greatest advantages over other manures, and it is claimed by many who have used it extensively, even over Barn Yard Manure, and its merits for top dressing **Lawns, Hay or Pasture** lands are remarkable. We ask all our customers to give it a trial, and, if they do, are convinced they will find great profit in the using of it. As a top dressing for **Fruit Trees or Small Fruits it has produced most satisfactory results.** There is another important point, viz., that crops produced by Thomas Phosphate Powder have a very much higher feeding value compared with those grown from other manures. In experiments made in feeding sheep and cattle on pasture and hay which had been treated with Thomas Phosphate Powder, as much as 18 to 20 per cent. of albuminoids, or flesh formers, in comparison with barn yard or other artificial manures, were obtained in favor of the Thomas Phosphate Powder. Please note this, because there will be the same result with all crops. We have not space here to give full particulars of the many advantages of the **Alberts' Thomas Phosphate Powder,** but on application, we shall mail, free, an exhaustive pamphlet in reference to it. **$25.00 per ton, Prices by the Carload on application.**

Freeman's Sure Growth Manure—Per 100 lbs. $2; per ton $35.
(For grass, grain and vegetables). An excellent general fertilizer. Ammonia, 3½ to 5 p.c.; Phosphoric Acid, 8 to 10 p.c.; Potash (actual), 3 to 4 p.c.

Freeman's Potato Manure—Per 100 lbs. $2.50; per ton $38.
Ammonia, 3 to 4 p. c.; Phosphoric Acid, 8 to 10 p.c.; Potash (actual), 5 to 7 per cent.

Freeman's Bone and Potash Manure—Per 100 lbs. $2.50; per ton $38.
Ammonia, 2 to 3 per cent.: Phosphoric Acid, 9 to 10 p. c.; Potash (actual), 6 to 8 p.c. Special Orchard Manure.

Freeman's Celery and Early Vegetable Manure—Per 100 lbs. $3; per ton $47.50.
Ammonia, 6 to 8 p. c.; Phosphoric Acid, 9 to 10 p.c.; Potash (actual), 6 to 8 per cent.

Freeman's Tankage Manure—Per 100 lbs. $2; per ton $35.
Ammonia, 5 to 7 p.c.; Phosphoric Acid, 12 to 15 p.c.

Sulphate of Ammonia—10c. per lb.
Splendid plant fertilizer.

Nitrate of Soda—5c. per lb.; $3.50 per 100 lbs.
Price per ton on application.

Kainit—3c. per lb.; $1.75 per 100 lbs.
Price per ton on application.

Muriate of Potash—5c. per lb.; $3.50 per 100 lbs.

Peruvian Guano—5c. per lb.; $3.50 per 100 lbs.

Land Plaster—60c. per bag.

Bone Flour—100 lbs., $3.50; 10 lbs., 50c.; 5 lbs. 30c.
The pure flour of ground green bones. Is a valuable fertilizer and stimulant for Roses, Chrysanthemums, and all pot plants.

Bone Meal—100 lbs., $3; 10 lbs., 40c.; 5 lbs., 25c.

Crushed Bones—100 lbs., $3; 10 lbs., 40c.; 5 lbs. 25c.
Special quotations for large quantities.

Alberts' Concentrated Horticultural Manure—1 lb. tins, 25c.; 10 lbs. $1.50; 25 lbs., $3.00.
It is the only Horticultural Fertilizer guaranteed free from Sulphuric Acid Chlorine, Gypsum, or other deleterious Acids, and that is soluble in water. Much used by Florists and Gardeners, and we have certificates from many prominent Horticulturists in its favor.

Clay's Special Horticultural Manure—lb., 15c.; 25 lbs., $2.75. This highly concentrated Manure or plant food is composed of the richest ingredients, and contains all elements which enter into the composition of plants in such proportions as are necessary for luxurious vegetation and is equally valuable for Window, Conservatory or Garden Culture. Use for Potting 1 part to 80 of mould, for top-dressing a teaspoonful to a 5 inch pot, for vegetables 2 oz. to the square yard. If applied as a liquid use about an ounce to the gallon.

Standen's Horticultural Manure—Particularly popular with English Florists. Apply same as Clay's, to which many think it is superior. We confidently recommend it. lb. 15c.; 25 lbs. $3.

Sheep Manure—Per lb., 5c.; per 100 lbs., $3.50.

Jadoo Fibre—Per 100 lbs., $4; per lb., 5c. Used as a substitute for potting earth or mixed with it in equal quantities. For pot plants, flowers in the open ground or vegetables, it is used most successfully.

Jadoo Liquid—Per pint bottle, 25c.
Recommended as a stimulant for plants growing in Jadoo Fibre, but is equally valuable as a fertilizer for plants growing in earth. 1 pint to 6 gallons of water.

Insecticides

Nicoticide—The best Insecticide for Greenhouses yet invented. **It kills everything but the plant.** Can either be used as a spray or Fumigator. **Fumigating Lamps 75c. each.** As a spray it costs but one cent per gallon when mixed with water. Prices in tins and vials 50c., $1, $1.75 and $3.25; latter is 1 pound tin. Write for Nicoticide List, which gives all particulars as to application and what it will do, and a long list of recommendations from the best Florists on the Continent.

Nikoteen Punk—Box containing 12 rolls, 75c.
Is pulp thoroughly saturated with Nikoteen and put up in rolls, which when ignited, burns slowly. Recommended for small Greenhouses and private use.

Copper Sulphate—1 lb., 12½c.; 100 lbs., $9.00.

Gishurst Compound—Box, 50c.; large box, $1.25.
Destroys Red Spider, Scale, Mealy Bug, Green Fly, etc.

Fir Tree Oil—¼ pint, 25c.; ½ pint, 50c., 1 pint, 75c.; quart, $1.40. One of the most efficient Insecticides.

Gardeners' Insecticide—Bottles 50c. and $1.25.
An old Standard English insecticide.

Fostite—1 lb., 15c.; 5 lbs., 60c.; 10 lbs., $1.
A cure for Mildew, Black Rot, Leaf Blight, Rust, etc., on vegetables and plants. Cheaper and more easily applied than any other mixture for this purpose.

Hellebore Powder—Per lb., 25c. Best remedy for caterpillars.

Slug Shot—3 lbs., 25c.; 5 lbs., 35c.; 10 lbs. 60c.

Whale Oil Soap—Per lb., 25c. Dissolve ¼ lb. to a gallon of water, apply with syringe or spraying pump.

Paris Green—Per lb., 25c. Pure. Special prices for large quantities.

Sulphur—Per lb., 10c.; 3 lbs. 25c.

Lethorion Cones—50c. each; $4.50 per dozen.
For the certain destruction of greenhouse pests, without any offensive smell, or injury to the blooms.

Formula for Bordeaux Mixture

Spray your Apple Trees, Plum Trees and Grape Vines and Potatoes with the Bordeaux Mixture. It will pay you to do it.

It is compounded as follows:—

Copper Sulphate	4 lbs.
Lime	4 lbs.
Paris Green	4 oz.
Water	50 gals.

Bug Death

Contains no Paris Green or Arsenic is Harmless to Animal life and death to all Bugs and other insects

Pat. March 16 and Nov. 9, 1897.
Pat. in Canada Nov. 2, 1897, and Jan. 25, 1900.

Prevents or retards Potato blight thereby increasing yield.

Is a most successful spray for Fruit Trees, Death to all insects infesting Cabbage, Squash, Currants, Gooseberries, Tomatoes, and Roses, etc.

100 pound keg	**$7.00**
12 1-2 pound box	**1.00**
5 pound package	**.50**
3 " "	**.35**
1 " "	**.15**

The results of the following experiments speak for themselves and show conclusively the wasteful extravagance of using Paris Green on potatoes when Bug Death can be obtained.

Professor Zavitz, Ontario Agricultural College, mental Farm, Ottawa, he says:—Experiment of 1902—Potatoes treated with Bug Death. It killed all bugs and produced 61 bushels more per acre than those treated with Paris Green.

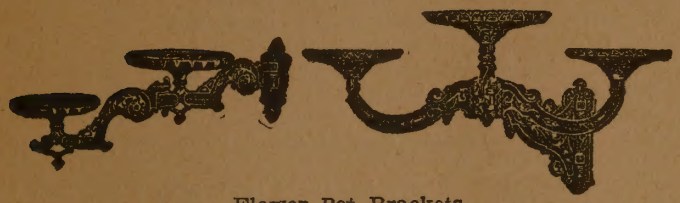
Professor Zavety, Ontario Agricultural College, Guelph, Ont., reports that potatoes treated with Bug Death produced 98 bushels per acre more than those wholly untreated. 56 bushels more than those treated with Bug finish (no connection with Bug Death), 46 bushels per acre more than those treated with Paris Green and plaster, and 46 bushels more than those treated with Paris Green and water.

How to Apply: 100 lbs. per acre during growing season either dry or with water and sprayed or dusted on potatoe vines. See illustration Dickey's Bug Death Duster, 25c. each, a cheap but efficient tool for small patches of potatoes and all small fruits and vegetables, also "Perfection" shaker, 65c. each. For fruit trees, spray 12½ lbs. mixed with 40 gallons of water. Treat potatoes and fruit trees 3 to 5 times during season. Manufactured by **The Bug Death Chemical Co.,** St. Stephen, N.B.

We are their Agents, and will be pleased to mail Catalogue and Circulars containing full directions for using, as well as copies of hundreds of testimonials from farmers who have used it.

Garden and Greenhouse Supplies and Sundries

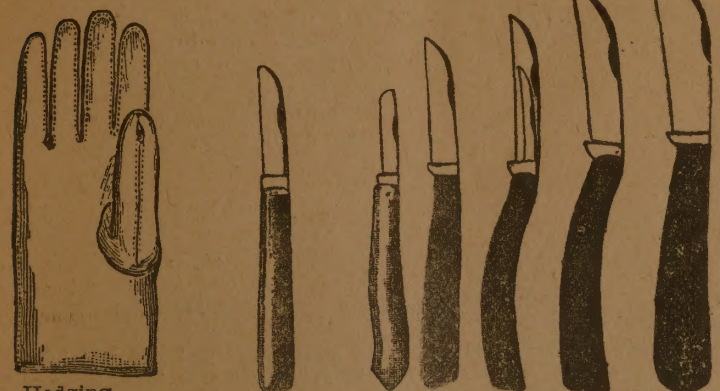
Standard Flower Pots.



Flower Pot Brackets.

Scollay's Rubber Sprays, $1.25, $1.00 and 75c.

Scollay's Improved



Hedging Glove. English Budding Knives. English Pruning Knives

STANDARD FLOWER POTS.

We pack carefully so can make no allowance for breakage. Packing charged extra for shipping out of city.

1¾ inch	Per 100	.60	Per doz. $ .08
2 "	"	.70	" .10
2½ "	"	.80	" .12
3 "	"	1.00	" .15
4 "	"	1.50	" .25
5 "	"	2.50	" .35
6 "	"	4.00	" .60
7 "	"	7.00	" .90
8 "	"	11.00	" 1.60
9 "			" 2.25
10 "			.30c. each.
12 "			.65c. "
14 "			$1.00 "

Saucers charged extra, from 15c. doz. up.

	Inch.	Inch.	Inch.	Inch.	Inch.
Half Pots, for Ferns	5	6	7	8	10
Per doz.	35	60	90	$1.40	$2.00

	Inch.	Inch.	Inch.	Inch.
Straight Fern Pots (without rim)	5	6	7	8
Per doz.	60	90	$1.25	$1.75

Hanging baskets, 30c. each.
Wire hanging baskets, from 15c. to 50c. each.

To Florists and those buying in large quantities we shall be pleased to give special quotations.

Atomizers—Scollay's Rubber Sprays, $1.25, $1.00 and 75c. each. Angle Neck, $1.25 each.

See Spray Pumps, under Spraying Appliances, pages 89 to 91.

		Each cts.
Brackets—1 Pot Bracket		20
1 " " 7½ in. arm		25
1 " " 5½ in. shelf		35
2 " " 12 in. arm	65c. and	75
3 " " 3 arms, small		$1.25
3 " " " large		1.60

Bamboo Stakes—Chinese, 4 feet long. Fine, heavy and medium. Per 100, $1.50; per doz., 25c.; 7 feet, per 100, $2.50; per doz., 40c.

Bill, Hooks—Extra strong steel; $1.15 to $1.25.

Bill, Hedge—Dunse pattern, handled; $1.50.

Corn and Tobacco Hook—A convenient and expeditious tool for cutting ensilage corn, tobacco, etc., 45c., each.

Daisy, Grubbers—75c. each.

Dibbles, Shod—40c. each.

Dutch, Hoes—4 ins. 40c.; 5 ins., 45c.; 6 ins., 55c.; 7 ins., 60c.; 8 ins., 65c.; 9 ins., 75c.; 10 ins., 85c. each.

Forks, Digging—English, $1.50 to $2 each; Canadian, $1 each.
" " English border digging, 3 prong; a handy light tool, $1.25 each.
Illustration, page 82.
" **Manure**—$1 to $1.25 each.
" **Hay**—40c. to $1 each.

Florist's Wire—Gauge No. 22, per lb. 20
" 24, " 25
" 26, " 25
" " **Nippers**—50c. each.

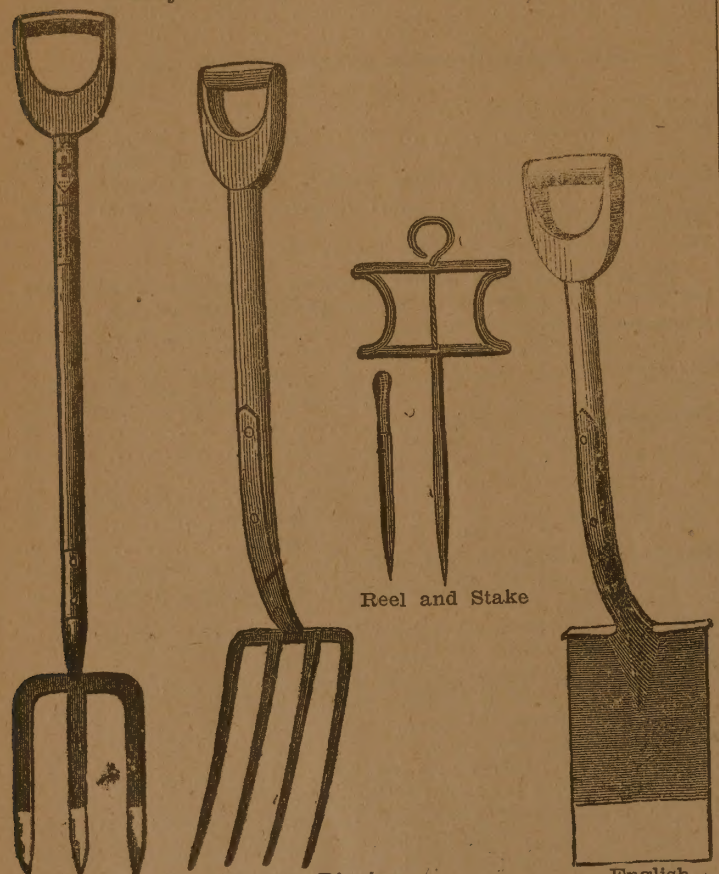
"Protector," Brass Syringe.

Secateur.

The "Standard" Angle Trowel.

Steel Garden Trowel.

Flower Sprinklers—See Lawn Tools.
Grass Hooks—See Lawn Tools.
" **Scythes**—Best English Lawn.. .. ..$1.25
" " Best Canadian .. ..60c. to 1.00
Per pair.
Gloves—Men's Pruning Gauntlet, size A.. .. ..$0.85
" " " " " B.. .. .. 1.00
" " Hedging, see cut " A.. .. .. 0.60
" " " " " B 0.75
" " " " " D.. .. .. 0.85
" Ladies' Gardening.. .. ..60c. and 0.75
Hoes—Square or Turnip. Each, 20c., 25c., 30c.
" Draw, Solid Socket. Each, 40c. and 50c.
" **Steel Triangle**—70c.
Knives Asparagus—Each, 75c.
" **Budding**—Different patterns, $1 to $1.25 each.
" **Pruning**—Different patterns, 90c., $1, $1.25 each.
" **Putty**—Each, 30c.


Reel and Stake
English Border Fork.
English Digging Fork.
English Spade.

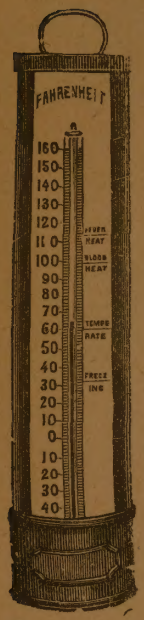
Combination Weeder.
Potato Concave Knife.
Hazeltine Weeder.

Knives Hacking—Each, 30c.
" **Potato**—Concaved and curved, 30c.
" **Grass Edging**—Crescent. See Lawn Tools.

Labels, Wooden—	3½ in.	4½ in.	5 in.	6 in.	8 in.
Per 100,	15c.	20c.	25c.	30c.	50c.
" 1,000,	$1.00	$1.50	$1.80	$2.50	$4.50

Labels, Tree—Wired, 3½ inches, per 100, 35c.
" **Chandler's Patent**—White metal, 50c. box of 50 with wire for tying on. Very convenient.
Lawn Mower Oil Cans—25c. each.
Lines, Garden—Best Dundee line, single 40c.; double 75c.
Moss, Best Canadian Sphagnum—Clean and fresh. Per bbl., $2.50.
" **Green (Dyed)**—Per bunch, 15c.
Mattocks—Each, 75c.
Pickaxes—Heavy. Each, $1. Picks, 75c.
Peat, Imported Wimbledon—Per sack, $2.75.
" **Orchid**—Cut in squares. Per sack, $4.
" " Special quality. Per sack, $5.
Pruning Saws—Each, 75c.
Putty Bulbs—Each, $1.25.
Rakes, Garden, Best Canadian—12-tooth, 60c.; 14-tooth, 70c.; 16-tooth, 75c.
" **English**—Without handle, 6 inch, 15c.; 8 in., 30c.; 10 inch, 35c.; 12 inch, 40c.
" **Wooden Hay**—Each, 15c. and 20c.
Reel and Stake—Malleable Iron. Each, 75c. and 90c.
Raffia—For tying. lb. 30c.; 5 lbs. lots $1.
" **Green**—lb. 50c.
Rollers—See "Lawn Tools."
Stakes—See "Bamboo Stakes."
Secateurs, Best English, Wheel Spring—6 in., $1; 7 in., $1.25; 8 in., $1.50; 9 in., $2.
Shears—Verge, Hedge and Grass—See "Lawn Tools."
Scissors, Florists Wire—50c.
" **Grape Thinning**—6 in., 75c.; 7 in., $1; 8 in., $1.25.
Spades—Best Canadian and English make, $1 to $2 each.
" For Boys and ladies, 60c. each.
Shovels, Best Canadian—Round and square. $1 and $1.50 each.
Sand, Imported Silver Sand—100 lbs., $2.
Spuds—40c. to 50c. each.
Spraying Pumps—See page 89.
Sprayer, Faultless—See page 92.
Syringes, Brass—Good tool, 18 x 1½, $1.50 each.
" Heavy brass, 20 inch. "The Abol," $3.
" " " 26 in. "The Abol," $4.50.
The "Abol" Syringe combines advantages not possessed by any other syringe. These beautifully finished syringes will do more work and do it better than most syringes double the size.
Trowels, Standard Angle—40c.
" " **Medium**—30c. each.
" " **Daisy**—20c. each.
" **English Make**—Blued, 20c. and 25c. each.
" **Best English**—Polished blade and handle, 60c. ea.
" **Common Garden**—15c., 20c. and 25c. each.
Tin Foil—25c. lb.
Pruners, The Standard Tree Pruner—Handle 12 feet long, $3.50 each; 10 feet long, $3.25; 8 feet long, $3 each. A most useful implement.
" **Aubert's Branch Pruner**—Very powerful, $4 ea.
The Little Giant Automatic Tree Pruner—Every progressive fruit grower buys at sight. Price, $2. See cut page 82.
Tar Twine—For tying grape vines, raspberry bushes, etc. Heavy, lb., 20c. Light, lb., 20c. Imported, lb., 40c.
Weeders, Combinations—(See cut), 35c. each.
" **Excelsior**—15c. each.
" **Hazeltine**—(See cut). Best cast steel. A handy and useful tool. 30c. each.
If Weeders are ordered to be Mailed, add 5c. each for postage.
Weeding Forks—Imported English; strong and useful tools. 40c. each.
Wheelbarrows—Various patterns. From $3 to $5 each.
Watering Cans—Various patterns. From 35c. to $3.50 each.

Thermometers



Thermometer 25c. each.

Price each cts.

8 inch **Japanned Tin Thermometer** 20

10 " **Japanned Tin Thermometer** 25

7 " **Flange Dairy Thermometer** 25

7 " **Floating Dairy Thermometer** 25

12 " **Standard Thermometer** .. $1.25
(A fine instrument).

8 " **Copper Thermometer** .. 1.00
Well suited for greenhouse work.

10 " **Standard Cabinet Thermometer** 1.00
Polished Oak.

Hotbed Thermometer 1.00
A most useful instrument to gauge bottom heat.

Standard Hotbed Thermometer 2.25
A substantial instrument, on hard wood and solid brass.

Minimum Registering Thermometer 2.00
An essential instrument in every greenhouse.

Maximum and Minimum Registering Thermometer 3.00
A correct, substantial and ornamental instrument.

Hot-Bed Thermometer.

Floating Dairy Thermometer.

The Great American Self-Sharpening Ball-Bearing Lawn Mower

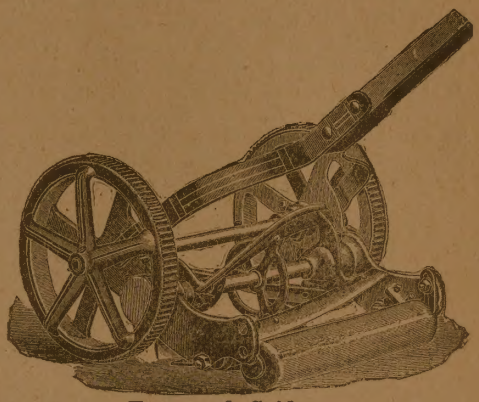
No Bicycle was ever built possessed of an adjustment of greater nicety than the ball bearings of this superior Lawn Mower. It has been tested, tried and improved for two years before placing on the market. The highest grade steel balls of unvarying exactness are used in absolutely dust-proof steel covered cups. It is equipped with self-sharpening, upturned dead knife of solid cast steel, which can be regulated to cut from ⅝ to 1⅝ inches from the ground.

15 inch.. .. .. $13.00
17 " 14.00
19 " 15.00

Townsend Spider Ball-Bearing Lawn Mower

This machine is carefully and well made in every way.

14 inch.. .. ..$ 8.50
16 " 9.50
18 " 11.00
20 " 12.00



Townsend Spider.

Grass Catchers

These are made of heavy duck with galvanized iron bottom that will not sag nor drag on the ground when filled; and will fit any mower, $2.25 each.

The "Woodyatt" Lawn Mower

Light! Efficient! Durable!

PRICES.

12 inch.. .. .. $5.50
14 " 6.00
16 " 6.50
18 " 7.00
20 " 7.50

The "Star" Lawn Mower

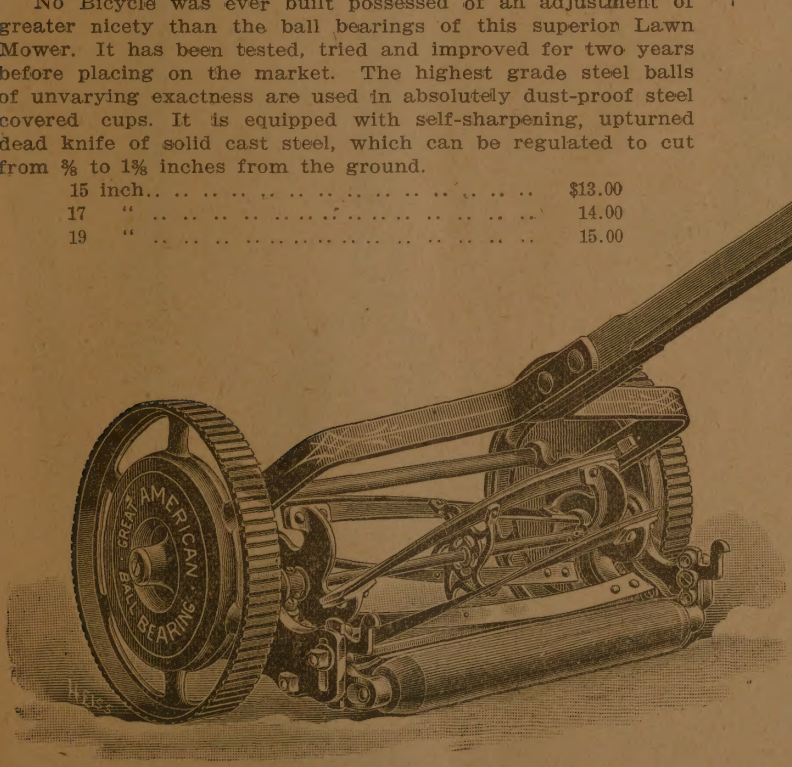
A light, easy running machine for a small Lawn.

PRICES.

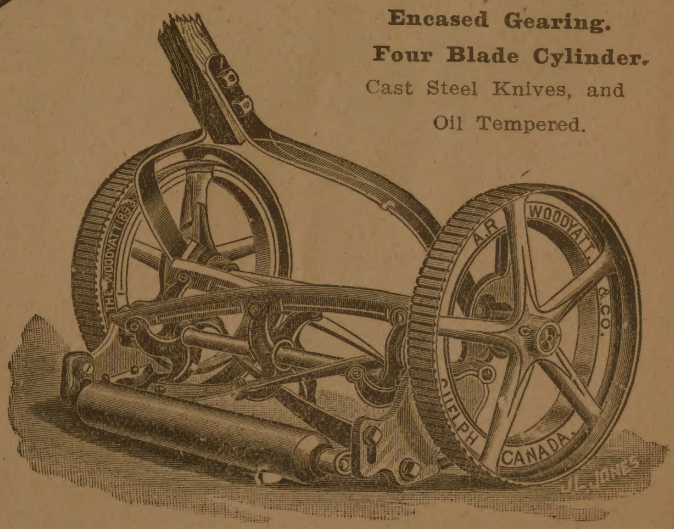
12 inch.. .. .. $3.90
14 " 4.25
16 " 4.50

and many other makes.

High Wheel.
Encased Gearing.
Four Blade Cylinder.
Cast Steel Knives, and Oil Tempered.



The Great American.



The "Woodyatt."

The "Easy" Lawn Mower

Has a front brace or guard, so that you can mow right up to a fence, tree or plant without damage. It has an open steel roller the full width of the machine, giving continuous power, which permits its being used on uneven surfaces, narrow borders, terraces, mounds, over holes, etc., etc., PLACES WHERE A SIDE WHEEL MOWER IS USELESS.

The handle can be attached or detached instantly. Can be run along within an inch of a wall or fence, and cuts either wide or narrow borders. Is easily sharpened. Has protected journals and oil holes. Knives hardened and tempered.

PRICES.

12 inch	$10.00
14 "	12.00
16 "	14.00
18 "	15.00
20 "	18.00
24 "	25.00

Fully boxed for shipment.

"New Excelsior" Horse Lawn Mower

The new Excelsior Horse Lawn Mower is still regarded as the favorite, where excellent work is absolutely necessary.

25 inch cut with shafts	$55.00
30 " " complete	80.00
35 " " "	100.00
40 " " "	125.00

Townsend Horse Lawn Mower

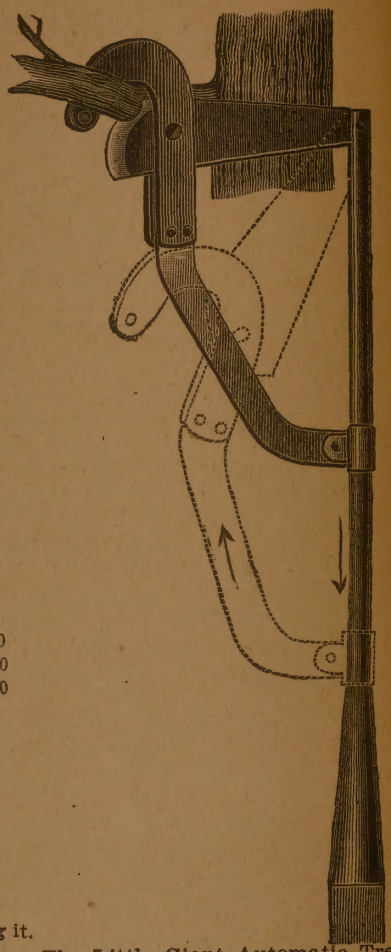
Is equipped with adjusting shaft to cut either high or low or for raising knives when passing over stones. The shaft being operated from the seat.

30 inch cut with shafts $80.00

"EXCELSIOR" Roller Lawn Mower

PRICES.

12 inch	$11.50
14 inch	13.50
16 inch	15.50



The Little Giant Automatic Tree Pruner. See page 82.

Lawn Rakes

Automatic Lawn Rake ..... each 90c.

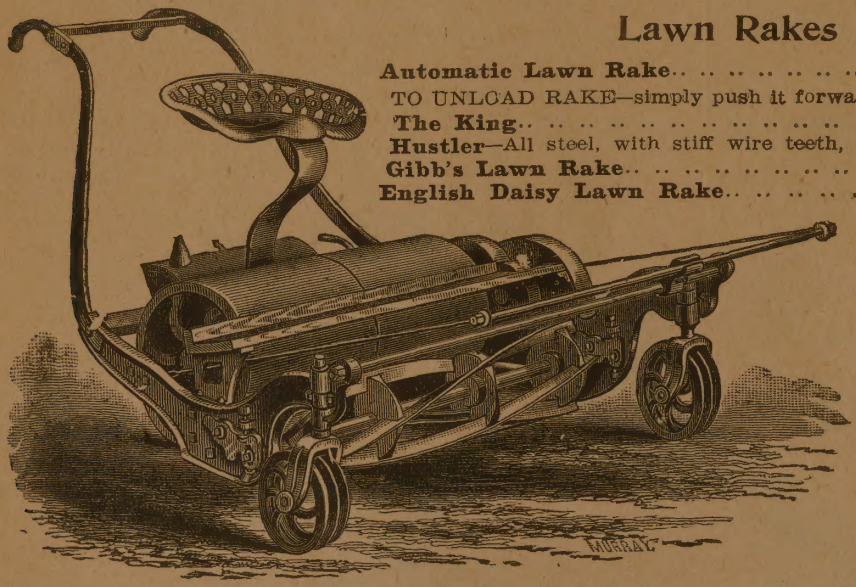
TO UNLOAD RAKE—simply push it forward without raising it.

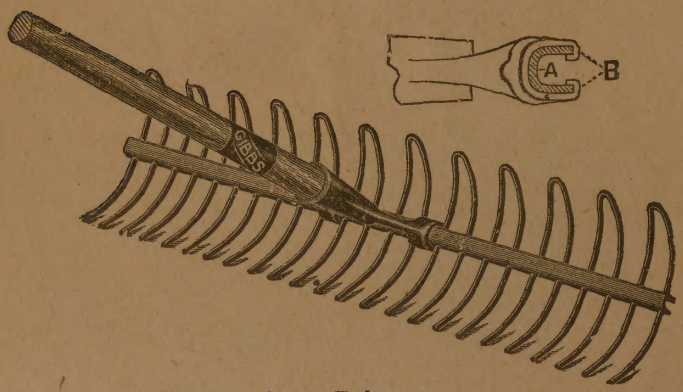
The King ..... each 40c.

Hustler—All steel, with stiff wire teeth, 24 teeth. $0.75

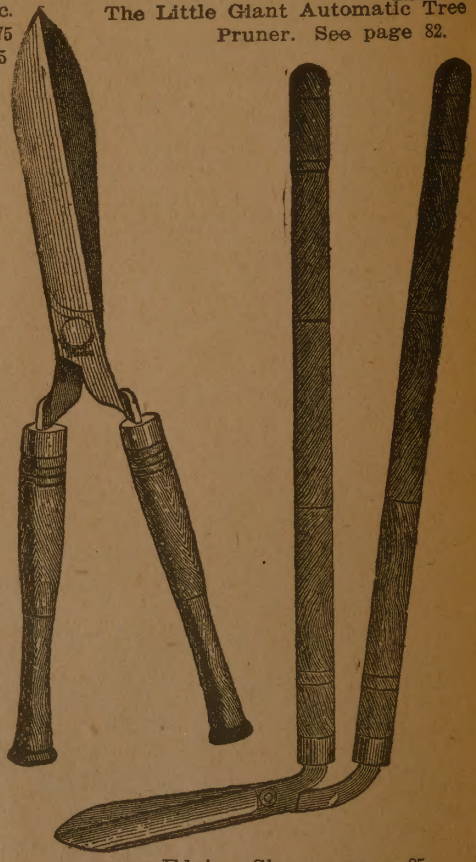
Gibb's Lawn Rake 0.75

English Daisy Lawn Rake 1.75





Hustler Lawn Rake,



Short Handled Grass or Hedge Shears. Page 85.

Grass Edging Shears, page 85.

Garden Rollers

Strong, Substantial and Durable.

No. 1, 24 inches wide, weight 235 lbs .. ..each $13.50
No. 2, 36 inches wide, weight 349 lbs.. .. .. " 18.00

Grass Edging Shears—Short handles, $1 to $1.75 each, 8 to 10 inch blades. Long handles, $2 to $3 each. Long handle, flat blades, $2.50 to $3.

Grass Hooks—Fox's Imported, No. 2.. .. ..each 50
" " " " No. 3 .. .. " 60
" " " " No. 4 .. .. " 70
" " Canadian make.. .. ..each 30c. and 40

Edging Knives—Crescent pattern.. .. .. ..each 90c. and 1.25

Verge or Sheep Shears—Trowel Shank and Crank patterns.. .. .. $1 to 1.25

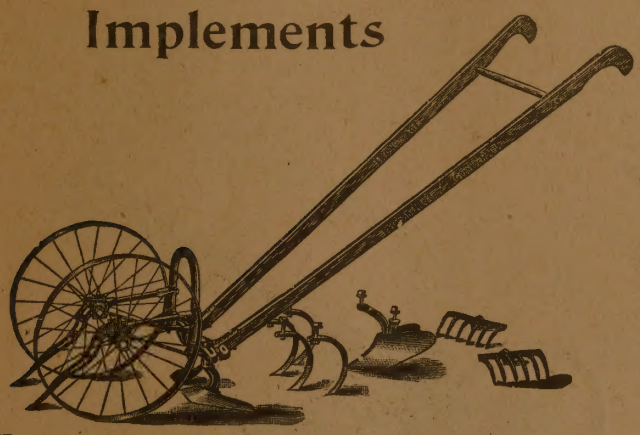
LAWN SWING—Two passengers. Double action. Strongly made in every part and still light and durable. Each, $7.00.

"Planet Jr.," New Grass Edger, Price $4.00.

LAWN SPRINKLER—The "Peerless"—Three arm lawn sprinkler.. .. ..$1.75 and 2.25

Hose Mender—Little Wonder—5c. each; 50c. per doz.

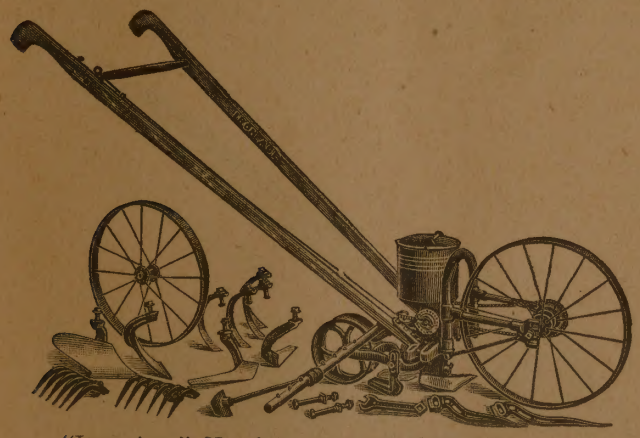
Implements



"Iron Age," No. 1 Combined Double and Single Wheel Hoe.

"Iron Age," No. 1. Combined Double and Single Wheel Hoe—Can be changed into a Single Wheel Hoe, in a few minutes. It is strong, with high wheel and light. $8.

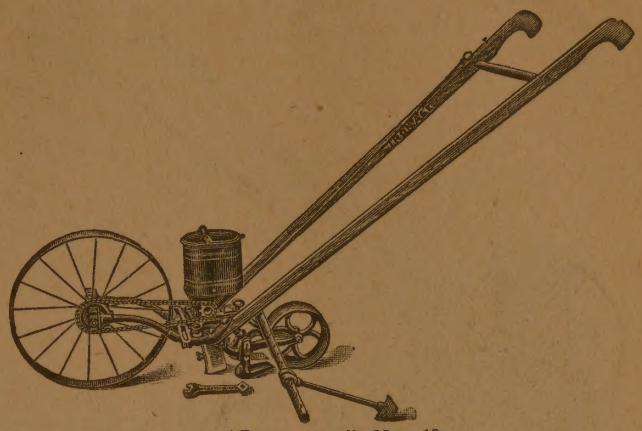
"Iron Age," No. 3. Single and Double Wheel Hoe—With side hoes only. $4.50.



"Iron Age," No. 6 Seeder and Wheel Hoe.

"Iron Age," No. 6. Combined Double and Single Wheel Hoe Hill and Drill Seeder—Is first among our list of garden implements. Combined in this tool, there are three distinct and thoroughly practical tools, a Hill and Drill Seeder, a Double Wheel Hoe and a Single Wheel Hoe. Will sow small seed, from lettuce to the size of corn. $12.

"Iron Age," No. 7.—The same as No. 6, but is a Hill and Drill Seeder, only $9.



"Iron Age," No. 18.

"Iron Age," No. 18. Drill Seeder—Is the same as No. 17 but is a Drill Seeder only. $7.50.

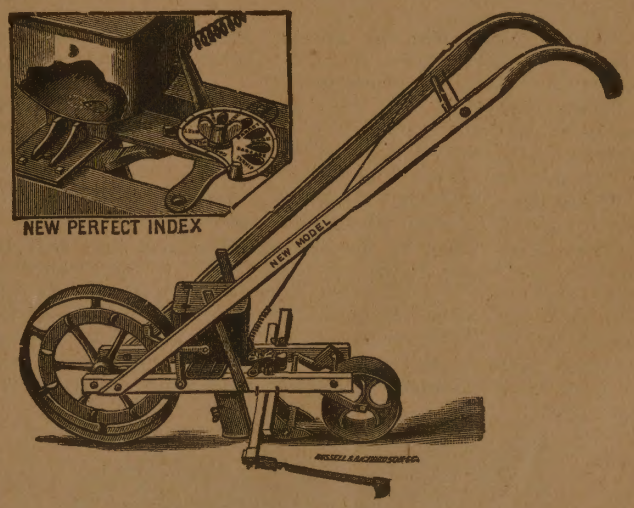
"Iron Age," No. 4. Combined Double and Single Wheel Hoe and Drill Seeder—Is somewhat similar to No. 6 Combined Double Wheel Hoe, Hill and Drill Seeder. It only differs in the seed sowing device and opening Plow. Both tools as Double and Single wheel Hoes are identical, but No. 4 only sows in drills. $11.50.

"Iron Age," No. 5.—The same as No. 4, but is a seed drill only, $8.50.

"Iron Age," No. 15. Combined Single Wheel Hoe, Hill and Drill Seeder—Combines a Hill and Drill Seeder, and Single Wheel Hoe. The seed sowing device sows the seed in a continuous row, or drops in hills at 4, 6, 8, 12 or 24 inches. It ploughs, rakes, opens furrows, covers hills, hoes and cultivates. $11.

"Iron Age," No. 16.—Is same as No. 15 as a Hill and Drill Seeder only. $8.50.

"Iron Age," No. 17. Combined Single Wheel Hoe and Drill Seeder—It does the same work as No. 15, but only sows in drills. $10.



New Model Seed Drill.

NEW MODEL SEED DRILL.

The New Model will save you time and money. It is the best, the surest and easiest operated drill in use.

Is perfect in all its parts. The Index or indicator is convenient and reliable. The names of the principal seeds to be sown are plainly shown on the index. The Cut off to stop the flow of seed, can be instantly operated from the handles. The Marker is easily adjusted and is held firmly. The Wheel is unusually wide, preventing it sinking in soft earth. The Covering Roller is attached by a swinging frame, enabling the operator to roll lightly or otherwise. The Opening Plough is of steel, and adjustable in depth. The complete machine weighs only 35 lbs.

Price, Packed for Shipment, $8.50.

"Iron Age," No. 22.

"Iron Age," No. 22. Combined Fertilizer Distributor, Hill and Drill Seeder—Sows fertilizers and seeds in one operation, the fertilizer being distributed in two narrow streams. The plows are adjustable in depth and width, giving the gardener the privilege of placing the fertilizer as near or as far from the seed as he desires. $18.50.

"Iron Age," No. 8. Hill and Drill Seeder—Market gardeners will find this machine one of the best hill and drill tools ever introduced for either bulky or small seeds. $10.50.

The Hopper is low, with a capacity of four quarts, holding a sufficient quantity of the most bulky seed for even the largest gardeners.

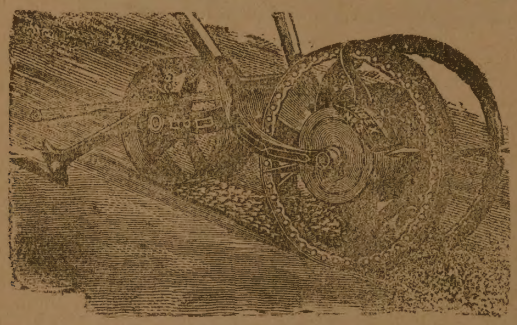
"Iron Age," No. 12. Single Wheel Plow and Cultivator—Is not only useful in cultivating vegetables, but also flowers, and those who raise poultry, even in very limited numbers, will find this tool of great value for stirring the soil in their poultry yards, especially when fitted with the plow. $3.50.

"Iron Age," No. 6. Horse Hoe and Cultivator—This tool is up to date. Its great adjustability adapts it for numberless uses and conditions. $8.50.

"Iron Age," No. 1. Fig. 57. Cultivator with seven Teeth—In the cultivation of crops, a cultivator having seven instead of five teeth is very desirable, and of this arrangement we can not speak too highly. $8.

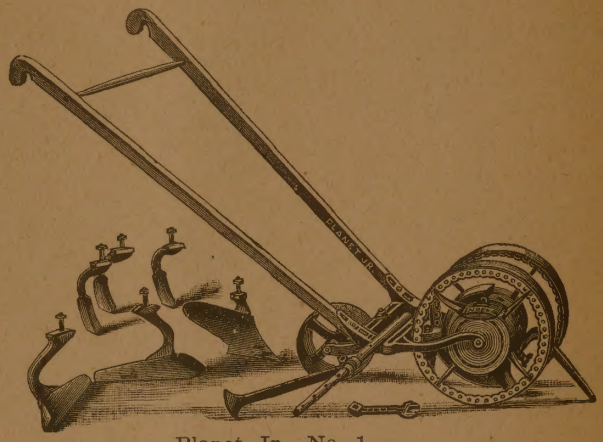
"Iron Age," "Dixie" Double Standard Horse Hoe and Cultivator combined, with wheel and lever expander. $6.

"Iron Age," No. 1. Combined Harrow and Cultivator—The teeth are diamond shape with a small cultivator tooth forged on one end; for very close work, every other tooth can be quickly removed. We furnish this tool, when ordered, in its plain form or with the addition of the lever expander, plain or lever wheel, cultivating width when equipped with lever expander 34 inches; with plain expander 38 inches. $6.50.



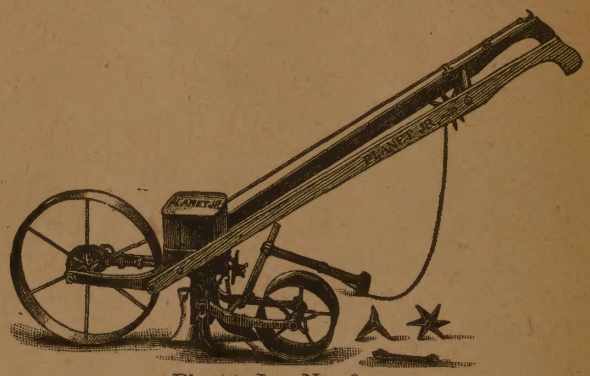
Planet Jr., No. 2.

"Planet Jr." Seed Drill No. 2.—Sows all garden seed accurately at any desired thickness or depth, opening, dropping, covering, rolling down and marking the new row, all at one passage, in the most perfect and reliable manner. It holds 2½ quarts. It has no cams, levers, brushes, cogs, springs or shakers to get out of order; it is noiseless, automatic, self-cleaning and accurate; it is remarkable for simplicity, strength, and for ease and perfection of work in the field. Price, boxed, $8.75. Weight, packed, 40 lbs.



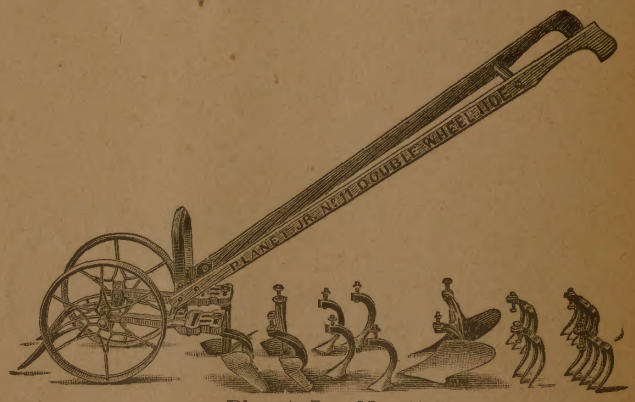
Planet Jr., No. 1.

"Planet Jr." No. 1. Combined Seed Drill and Cultivator, Double Wheel—Is the best combination of Implements on the market. THE SEEDER HOLDS ONE QUART OF SEED. For the care of the crop, it is supplied with a pair of Rakes, a pair of Hoes, three reversible Cultivator Teeth and a Garden Plough. Price boxed, $12; without Rakes, $11.25.



Planet Jr., No. 3.

"Planet Jr." No. 3. Hill and Drill Seeder.—Will sow a great variety of seed, almost any depth or thickness, and will do it rapidly and perfectly; is simple, strong and easily adjusted, and does not get out of order. Price, $12.25.



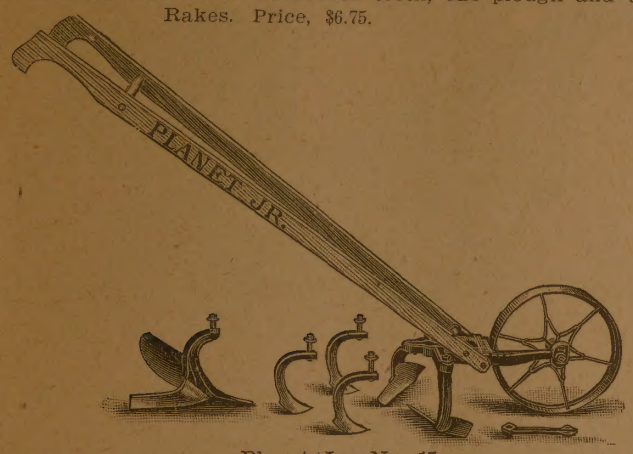
Planet Jr., No. 11.

"Planet Jr." Double Wheel Hoe Complete, No. 11. Cultivator, Rake and Plough combined, with Improved frame.—It has one pair of 4 in. and one pair of 6 in. hoes, one pair of ploughs, two pairs of cultivator teeth, and two pairs of rakes, and is capable of performing every variety of gardener's work with ease and despatch. Price, $10.50.

"Planet Jr." No. 12. Double Wheel Hoe.—Has the following attachments: one pair of 6-inch hoes, two pairs of cultivator teeth, one pair of ploughs. Price, $8.25.

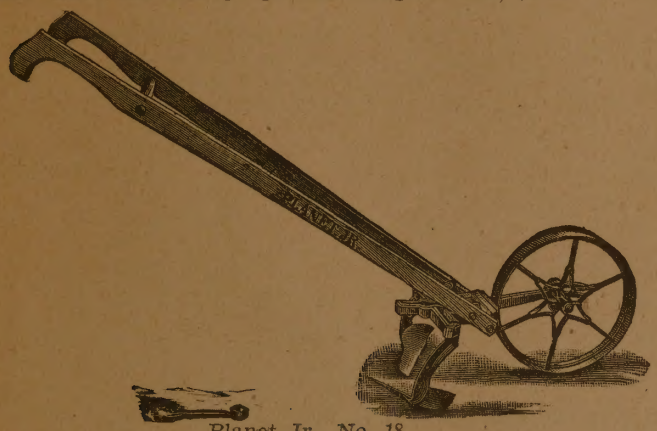
"Planet Jr." No. 13. Double Wheel Hoe.—With 6-inch hoes only. Price, $5.50.

"Planet Jr." No. 16. Single Wheel Hoe.—Has one pair of Hoes, one set of Cultivator teeth, one plough and two Rakes. Price, $6.75.



Planet Jr., No. 17.

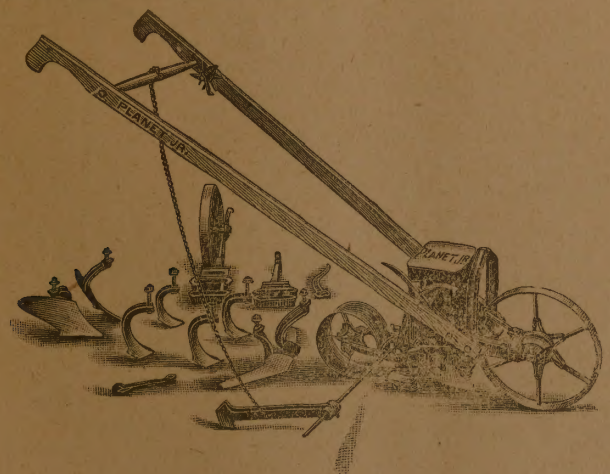
"Planet Jr." No. 17. Single Wheel Hoe, Cultivator and Plough.—Has one pair of 6-inch Hoes, three Cultivator teeth and a large garden Plough. Price, $5.75.



Planet Jr., No. 18.

"Planet Jr." (Plain Single Wheel Hoe), No. 18—A capital tool for Onion cultivation or weeding any root crop in the early stages of growth. Two Hoes only. Price, $4.

"Planet Jr." Twelve Teeth Harrow, Cultivator and Pulverizer.—Is the very best tool known for its purpose. Frame is high, blades are an inch wide, and of such shape as to work in the most thoroughly satisfactory manner, and to offer an unusual amount of wearing surface. The recurved throat of the tooth and the high frame prevent clogging. The reverse position is quickly given to the teeth by changing a single bolt in each. The frame is heavy and strong. Price, $10.50; without Pulverizer, $8.50.



Planet Jr., No. 25.

"Planet Jr." No. 25. Combined Hill and Drill Seeder and Double Wheel Hoe, Cultivator and Plough.—It practically combines in one tool. The No. 4 Drill and No. 12 Double Wheel Hoe. Price, $15.75.

"Planet Jr." Double Celery Hiller.—This is a most useful tool and does the work at a third of the cost of hand labor. The Hilling moulds are 43 inches long, and will earth up rows up to 4 feet apart. Price, $13.50.

Two-Hand Corn Planter

"KING OF THE FIELD."

Steel Points, Sheet Iron Seed Box and Slide.

The dropper is adjustable and the slide is made in two parts taking the wear off the brush.

Price, $1.50.

THE LITTLE GIANT HAND BROADCAST, GEARED SEED SOWER.

Price, $1.75 each; Agents Wanted.

(The greatest labor-saving invention of the age).

Will save one-half the labor and one-third the seed over hand sowing, besides greatly increasing the crop by the more equal distribution of the seeds.

Is the cheapest Crank Seeder on the market, and equal to the best for quality of work it does, and durability. Don't pay $5 for a seeder when you can get its equal for less money. Man or boy can sow on hilly, stumpy, stony and rough, as well as on clean and smooth ground perfectly even and any quantity (1 quart to 8 bushels), per acre of Clover, Timothy, Millet, Hungarian, Flax, Wheat, Rye, Barley, Oats, Corn, Peas, Orchard Grass, Blue Grass, Red Top, or other seed, Fertilizers and Ashes, with ease to the operator. Will sow at a round 30 to 50 feet. A man walking at the rate of three miles per hour will sow 90 acres of wheat or 65 acres of clover seed in a day of ten hours. Many thousands are sold annually, and in every instance have received farmers highest commendations.

THE CAHOON SEED SOWER.

By the turning of the crank, the same breadth of ground is sown as the little Giant does. Is a complete sower in every way, and strongly made.

Price, $4.00.

Corn Sheller

Wood's	Price,	$3.00
Barral's	"	10.00

Churns

No. 5, Improved cylinder, 10½ gallons	"	4.00
No. 1, Lightning, 6 gallons	"	2.75

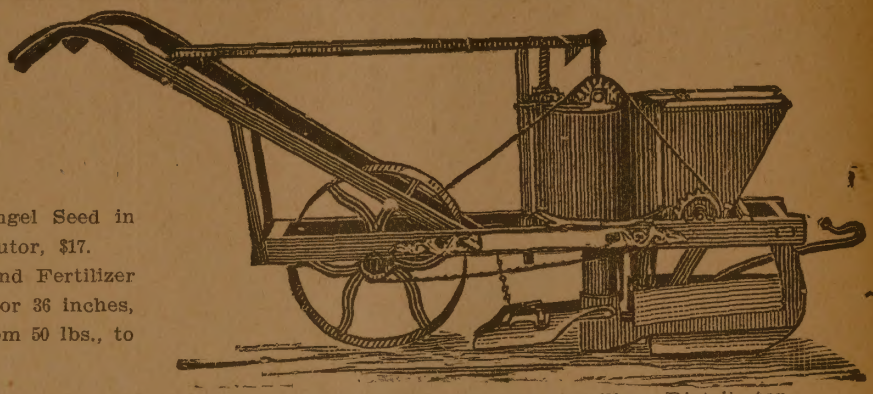
QUEEN

Corn Planter and Fertilizer Distributor

COMBINED.

For planting Corn, Beans, Peas, Beet or Mangel Seed in Hills and Drills. Price, without Fertilizer Distributor, $17.

This Planter is easily adjusted to drop Seed and Fertilizer in hills or drills as follows:—It will drop 6, 12, 24 or 36 inches, or drop 7, 15, 30 or 45 inches, and will distribute from 50 lbs., to 450 lbs. of Fertilizer per acre. Price, $25.



"Queen" Corn Planter and Fertilizer Distributor.

SPRAYING APPLIANCES

CENTRAL EXPERIMENTAL FARM REPORT

A Spramotor has become a "recognized necessity" and has so many uses that we will only name some of the principal ones affecting the farmer and fruit grower.

The spraying of fruit trees and crops for the prevention of fungi and insect pests will result in an improvement of over 80 p.c. Spraying Potatoes with Paris Green, dissolved in water and killing the Potato bug, costs less, can be done in a great deal less time, and much more effectually than by dusting with Paris Green and Plaster, or any other way that has yet been tried. If Paris Green be added to the Bourdeaux mixture, or with **Bug Death,** the blight in Potatoes can well be retarded or altogether prevented, and the bugs destroyed as well.

Destroys Wild Mustard (Charlock or Herrick) in the growing grain without injury to the crop. Spraying with disinfectants prevents disease among cattle and other animals; kills the Horn Fly, and thereby improves the butter yield one-third; washes sheep better than any other method, paints or whitewashes barns, out-buildings, fences, etc.

When all these operations and many others can be performed, any one of which will repay the entire cost of the apparatus, certainly no person having such work to do **can afford to be without a Spramotor.**

The Spramotor has been proven both in actual Contest under the Canadian Government, and at the Great Exhibitions of the Pan American at Buffalo, the World's Exhibition at Glasgow, and at all the great exhibitions in Canada to be the most useful combination for the purposes above stated.

All the Spramotors are made with brass ball valves, with detachable cages, and seats, brass automatic or self-adjusting plunger, Patent screen or strainer, brass plunger tube, brass base castings and couplings, and if so ordered will be supplied with all parts in brass except the handles and plates.

An 80 page Treatise and Catalogue will be supplied with each order, or we will send it free by mail on application.

We strongly recommend this most excellent machine as the best all round sprayer of which we have any knowledge. We keep a full line in stock, which we shall be pleased to show intending purchasers.

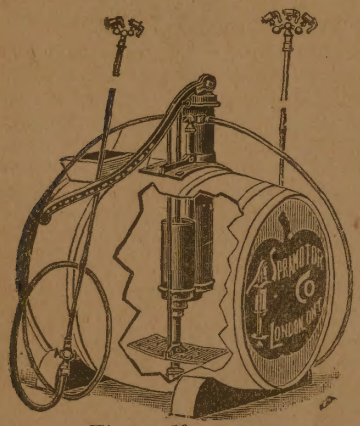


Figure 19.

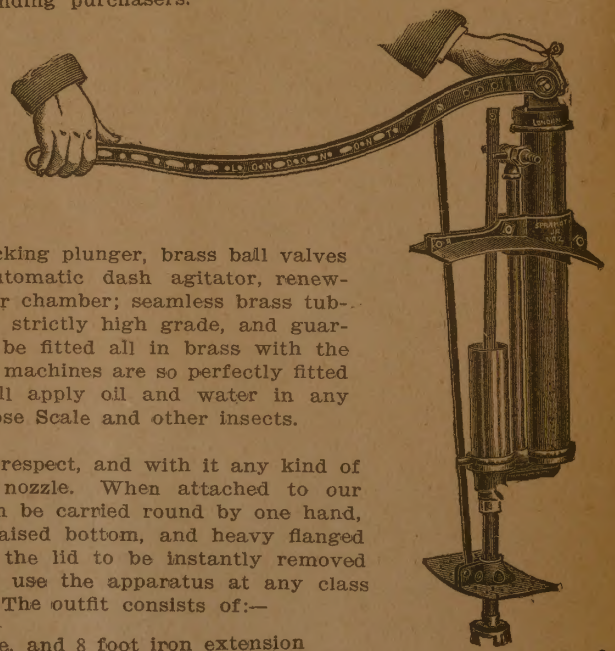
The Spramotors for Barrels, Casks and Tanks.

No. 0. Spramotor only, $6; extra for all brass, $2.00.

No. 1. Spramotor only, $10; extra for all brass, $3.00.

No. 2. Spramotor only, $13; extra for all brass, $3.00.

All are fitted with automatic self-packing plunger, brass ball valves with independent detachable cages, automatic dash agitator, renewable strainer. The No. 2 has a brass air chamber; seamless brass tubing, and all parts are interchangeable, strictly high grade, and guaranteed perfect. When so ordered, will be fitted all in brass with the exception of handles and plates. These machines are so perfectly fitted they can be worked in combination. Will apply oil and water in any proportion for the destruction of San Jose Scale and other insects.



Spramotor Jr., No. 2.
Figure 14.

Spramotor Jr. No. 0. with tank, Fig. No. 7

OUTFIT No. 0-G—This outfit is complete in every respect, and with it any kind of work can be done that can be accomplished with one nozzle. When attached to our patent five gallon can, it is a most portable device, can be carried round by one hand, or by means of the handles provided. The can has a raised bottom, and heavy flanged rim, on which the can rests. Our patent catches allow the lid to be instantly removed which effectually prevents any splashing, and a lady can use the apparatus at any class of work or any kind of mixture, and not soil her dress. The outfit consists of:—

One Spramotor, Jr., No. 0, with 10 feet of hose, hand valve, and 8 foot iron extension pipe, Patent Drip guard and one Spramotor nozzle, complete ready to attach to half barrel.. .. .. $10.00

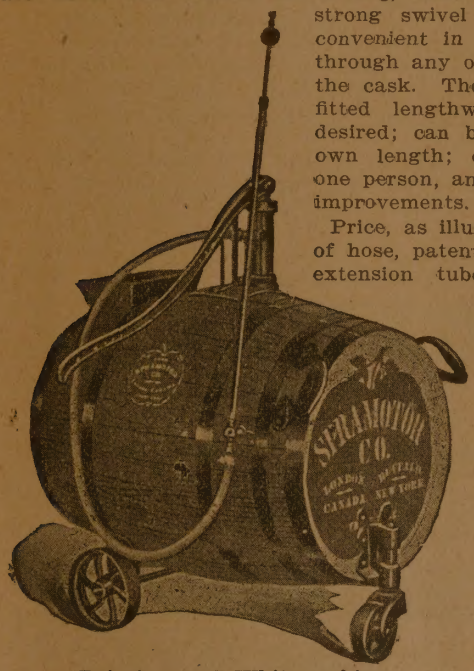
Extra for heavy galvanized 5 gallon can, as figure No. 7, etc.. .. .. 2.00

OUTFIT No. 1-E—One Spramotor, Jr. No. 1, including one line of half inch hose 10 feet long, with couplings attached, one patent hand valve, one 8 foot iron extension rod, drip guard, and one nozzle.. .. .. $14.00
Extra for 2-nozzle cluster.. .. .. 1.25
Extra for 3-nozzle cluster.. .. .. 2.10
Extra for Bamboo Rod 1.50

OUTFIT No. 2-E—Spramotor, Jr. No. 2, with one line of hose 10 feet long, with couplings attached, brass hand valve, 10 foot bamboo extension rod, with brass, cupped ends and drip guard, one Y connection, and two Spramotor nozzles, without barrel $20.00
Same with double lines and accessories 26.50
Same with Iron Extension Pipe, single line.. .. .. 18.50
Same with Iron Extension Pipe, double line 23.00
Same with 3-nozzle cluster, single line.. .. .. 20.85
Same with 3-nozzle cluster, double line.. .. .. 29.20

SPRAMOTOR PAINTING AND WHITE-WASHING MACHINE.

This illustration shows a type of Spramotor that has been sent all over the world for the application of oil and water paints. It is intended to be used wherever the ground or floors are hard. The wheels are strong, and are fitted with our strong swivel castor. It is very convenient in handling; will pass through any opening the width of the cask. The Spramotor can be fitted lengthwise of the cask, if desired; can be turned within its own length; can be handled by one person, and has all the latest improvements.



Painting and Whitewashing Machine. Fig. 4.

Price, as illustrated, with 10 feet of hose, patent hand valve, 8 foot extension tube, drip guard, and painting nozzle, barrel and screen, complete as follows:—

With No. 1 Spramotor as illustrated and described $22.00
If with double lines of hose and accessories.. ..$28.00
Brass agitator, extra $1.00
With No. 2 Spramotor and single line of hose.$27.00
If with No. 2 Spramotor, double lines of hose, and accessories $32.00.
Extra for all brass Spramotor, No. 1 or No. 2.. ..$3.00
Extra hose at 12c. per foot.

For applying mixtures of Kerosine or Crude Petroleum. Fig. 21.

SPRAMOTOR COMBINATION MACHINE FOR APPLYING CRUDE OIL AND WATER.

Geo. E. Fisher, inspector of San Jose Scale in Ontario, says: "Your Spramotor is the only reliable sprayer I know of for the application of oil and water."

The machines are made for operating one to eight nozzles, and are fully warranted to do accurate work, and as the oil and water are separate until they mix at the nozzle, the trouble experienced with all other machines of single conduits is obviated.

There are two pumps, one for oil and one for water, which are so arranged that any percentage may be got by changing the relative length of stroke. The action throughout is positive, the oil and water being forced through separate channels to the nozzle, which is absolutely necessary because of the great difference in their specific gravity.

Any two Spramotors can be arranged to make a combination machine, and special appliances will be supplied to those already using a Spramotor. Prices on application.

OUTFIT A-0-0.

Price for two No. 0 Spramotors in combination with 10 feet double lines of hose; two patent hand valves; double combination, extension pipe with mixing chamber, diaphragm and drip guard, with 50-gallon water barrel, and galvanized oil tank, complete as shown with one nozzle. (Fig. 21) $29.00

OUTFIT B-1-0.

Price of No. 1 Water Motor and No. 0 Oil Motor in combination as described in outfit A, with two nozzles .. $35.00
Extra for double lines of hose, etc., for three operators, and two nozzles, on each line.. .. .. 10.50

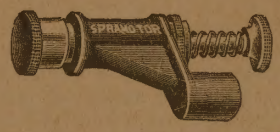
THE SPRAMOTOR KNAPSACK.

Can be used for all classes of spraying with one operator, is made with all brass Spramotor with copper or galvanized tank, as desired, with or without the oil mixing attachment.

The tank is of finest cold rolled copper, with apron to prevent splashing, leather straps, right and left hand action without detaching anything (simply turning it over from one side to the other when one arm is tired). Automatic plunger, automatic mechanical agitator, strainer, detachable bronze ball valves, 3 feet of hose, hand valve, brass extension pipe with drip guard, and nozzle.. .. .. $15.00
Same if with galvanized tank.. .. .. 12.00

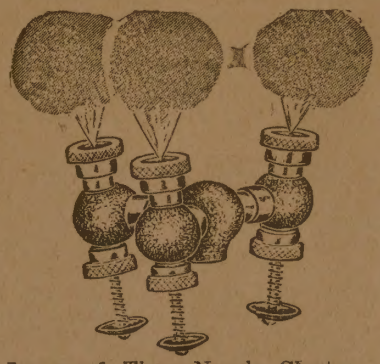
SPRAMOTOR IMPROVED VERMOREL NOZZLES.

(Figure 42.)

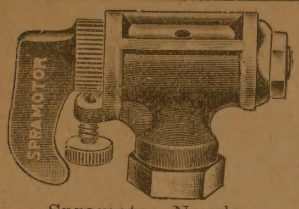


Painting or Whitewashing Nozzle. Fig. 42.

This illustration shows our Painting and Spraying nozzle. The greatest care is taken in its construction. The spray is forced, and it is warranted to give perfect satisfaction for the very finest vapor spray in a bush form, and is unexcelled for painting, whitewashing, or spraying of mechanical mixtures or pure oil for scale parasites. It is provided with disgorger, and can be cleaned in a moment. By mail, 80c.


Improved Three-Nozzle Cluster for ordinary spraying or for Kerosene Emulsion. Fig. No. 44. Price complete, $2.70.

Two-nozzle cluster, by mail.. .. ..$2.00



Spramotor Nozzle.

Spramotor 2 Cluster and Nozzles. Fig. No. 40.

SPRAMOTOR NOZZLES.

The Spramotor nozzle has advantages not possessed by any other style. The spray can be graduated to suit the work in hand from the smallest fan shaped spray up to the extreme limit of the nozzle, being throughout its range the very finest vapor spray. It can be disgorged in an instant by reversing the handle.

These nozzles have double angle for spray, and will be found to meet all requirements for all tree spraying.

Single nozzles.. .. .. $ 75
Two-nozzle with cluster.. .. 2.00
Three-nozzle with cluster .. 2.85

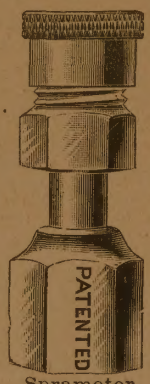
SPRAMOTOR PAINTING NOZZLES.

After a year of careful experimenting, we offer to the public what we honestly believe to be the best nozzle for all purposes yet invented. It is made single or in clusters. There are no springs, nuts, or packing glands in this nozzle. It can be disgorged by a forward thrust, the cap moving backward into the disgorging pin, the internal pressure immediately forcing the movable cap forward, maintaining its proper position.

Warranted to apply oil and water paints, or to produce a better spray than is possible with any Vermorel nozzle. It weighs one-third the old style, and in clusters one-quarter. It is thoroughly well made, and is durable.

When sold in clusters will be supplied with our Patent Drip Guard without extra charge.

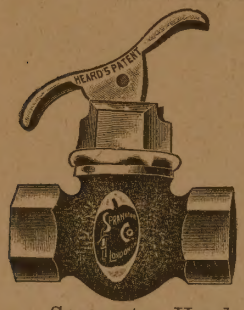
Will be supplied with hardened steel interchangeable discs, when used for painting purposes, without extra charge.



Spramotor Patent Painting Nozzle. Fig. No. 59.

Single nozzles, as shown, by mail.. .. .. ..$ .80
Two-nozzle cluster with Patent Drip Guard, by mail.. .. .. 2.00
Three-nozzle cluster with Patent Drip Guard, by mail.. .. 2.90

SPRAMOTOR HAND VALVES.



Spramotor Hand Valve. Fig. No. 52.

Great complaint has been made by spraying operators against the stopcock supplied with spraying equipments, and as the difficulty cannot be overcome with stopcocks, the Spramotor Co. have perfected a new and novel self-closing valve as illustrated. This valve can be closed or opened by a single pressure of the hand, is packed and closed by spring pressure, is carefully made of brass, and it has a great advantage over stop-cocks, it will not leak through the nozzle, or through the packing. It can be opened or closed by one hand while operating with the other. By its use the hands are kept dry. For whitewashing or painting work it is invaluable, and will last longer than a dozen stopcocks. Price, $1.00.

BRASS ROW AND MUSTARD SPRAYERS.

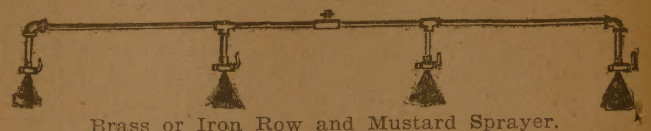
To fill a growing demand for an all brass, adjustable row sprayer, or for the spraying of mustard and general field work, the Spramotor Co. have constructed a series of sprayers made entirely of brass for use with our nozzles at a price exceedingly low. They are adjustable from 26 ins. to 36 ins. and are arranged to attach to our special Spramotor Vermorel Nozzles. These row sprayers may be used for a variety of purposes, and being entirely of brass are not affected by the action of the various chemicals used:

Two rows, with nozzles..$3.20 Three rows, with nozzles..$4.30
Four " " " .. 5.90 Five " " " .. 7.50

With fixed width of row. Supplied any width desired.

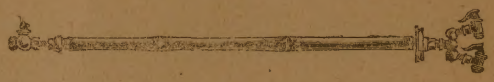
IRON ROW SPRAYERS.

Two rows, with nozzles..$2.50 Three rows, with nozzles..$3.75
Four " " " .. 5.00 **Five** " " " .. 6.25


Brass or Iron Row and Mustard Sprayer.

For Spraying Potatoes, Killing Mustard or **Spraying any low Plants Broadcast**—When one has already the complete apparatus for Spraying Fruit Trees, the only additional expense is the Potato Attachment. A Stop-cock connects it with the Rubber Hose, and the Attachment is simply placed crossways at the back of the cart or wagon.

Attachment, 4-row (without nozzles), iron $2.00
" 6 " " " " 3.00
" 4 " " " brass 3.50


Bamboo Extension rod with Drip Guard.

Our bamboo extension rod is as nearly perfection as possible. No iron is used in its construction, the seamless tube extending inside the bamboo being of brass, with brass connections at the ends, interchangeable with other sizes. Made eight or ten feet long; other lengths to order.

We have invented a combination of water drip and end, which is on all our extension rods, thereby preventing any drip from the nozzles from running down the bamboo pole on the operators hands.

Price, bamboo rod, eight or ten feet long, with drip guard..$2.25
Price, bamboo rod, 8 feet long, with drip guard.. .. .. ..$2.25
" " 10 " " " 2.50
" " 12 " " " 2.75
" Iron extension rod 60

Y connection for attaching 2 or 4 lines of hose.. .. .. 60c
Connection for duplicating two or three nozzles, Fig. 39 to the extension pipe. Price, 2-way.. .. 50c
Connection for duplicating two or three nozzles, Fig. 39 to the extension pipe. Price, 3-way.. .. .. 60c

SPRAMOTOR ATTACHMENTS NOT ALREADY QUOTED.

Drip guard..	$ .40
Stop-cock..	.75
Spramotor Lance..	.75
Automatic adjuster for painting and whitewashing.. ..	3.00
Hose couplings..	.20
10 feet hose with couplings complete..	1.25
Barrel..	3.00
Strainer..	1.00

Myer's Wheel Outfit.

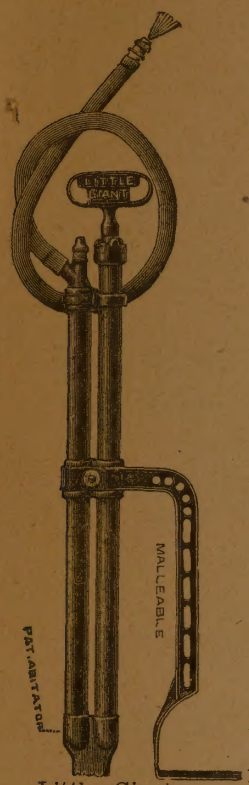
MYER'S WHEEL OUTFIT.—Consisting of Brass Spray Punmp, Barrel, Hose, Extension Rod, with water cart and trunnions for attaching barrel to same, complete.

PRICE, $18.00.

This Outfit will be found very convenient, as it enables the user to reach places either inside or outside of buildings, or in the garden or orchard, that it would be impossible to reach with a team and waggon.

Remove barrel from above outfit substituting Leaf Rack and you have a good sized carrier for Grass, Leaves, etc.

Price of Leaf Rack, $6.00.



Little Giant.

No. 2 Aylmer Spray Pump, including 10 feet of hose and couplings, $10.

Nozzles and other attachments same prices as for Spramotor attachments.

Myer's Improved Brass Barrel Spray Pump, with 5½ feet Rubber Hose, Dasher Agitator and Spraying Nozzle, complete, **$9.50.**

Meyer's Little Giant Brass Bucket Spray Pump—With agitator, hose, Imperial combination nozzle, throwing a fine or course spray or solid stream, and malleable foot rest. **Price, $3.50, with extension rod, $4.00.** Is a most practical and useful spray pump, for small places. It will throw a stream 40 to 50 feet, and besides spraying can be used for washing windows, buggies, etc.

Meyer's Knapsack Spray Pump—Tank holds five gallons, and is fitted with lid and strainer. The Pump is of brass, with large air chamber, ball valves, solid plunger and agitator, and fitted with 5 feet rubber hose, extension pipe and nozzle. By placing the tank on the ground it can be used as a Bucket Spray. The handle lever can be shifted from right to left shoulder at will. Is a particularly handy Spray Pump, and very cheap for the work it can accomplish. **Price, $10.**

WEATHERPROOF COLD WATER PAINT MAGNITE.

The best fire resisting paint made, specially designed for use in and about Farm Buildings, Factories, Hotels, Breweries, Private Residences, etc. A good sanitary paint taking the place of oil paint at half the cost. 5 lbs. will make one gallon. Price, 5 lbs. packages from 9c. to 15c. per lb. according to color required, special prices for larger quantities on application.

THE FAULTLESS SPRAYER.

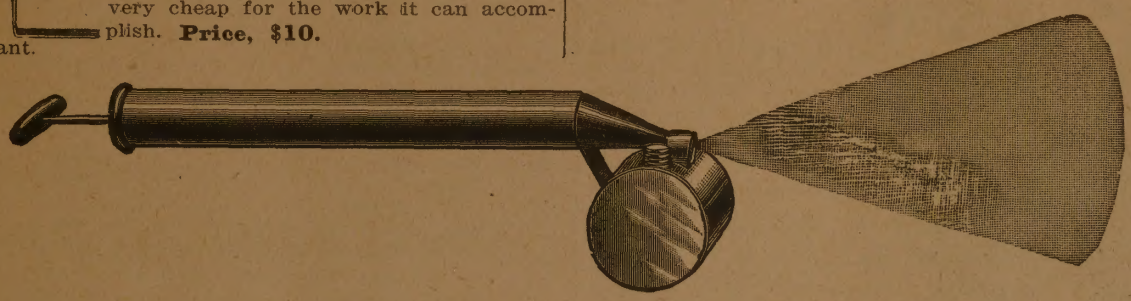
Tin.. .. ..$ .60 each
Brass.. .. .. 1.00 "

The Faultless Sprayer throws a spray as fine as mist, and a small boy will kill all the "old shellbacks" on 1000 hills of potatoes for a cent. Is a simple, light and an indispensable exterminator of insect pests. Its shape is such that it spray up or down, and all the liquid is pumped out in the finest possible spray, leaving but a spoonful in the can.

It sprays any liquid or solution on potato vines, small fruits, house plants, conservatory plants, cut flowers, poultry and live stock, will dampen clothes and tobacco.

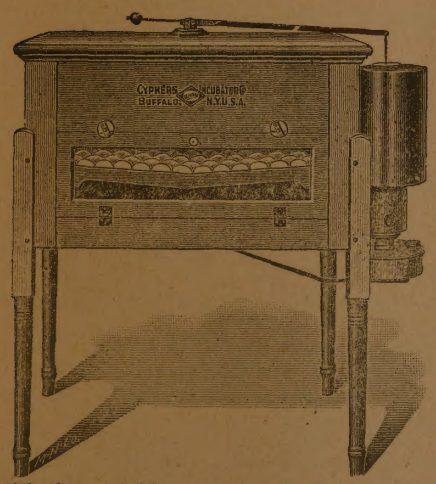
DOUBLE TUBE LIGHTNING SPRAYER, GLASS RESERVOIR.

On account of having two tubes it about doubles its capacity.. .. ..$1 each



The Cyphers Incubators

With All The Latest Improvements.



The Cypher's Incubator is the best on the market, only the best materials are used and the most skilled workmen employed on its construction. In some Incubators a fine finish on the outer case covers careless workmanship, inferior material and wrong principles of construction inwardly In the Cypher's, the most extreme care is employed on its inner construction, because *it is built to hatch*, not merely to show, but still the outside case is as attractive as any incubator made. Many a poultry raiser has learned to his cost that there are great differences in the hatching capacity of Incubators, but every one using *the Cypher's* has had the greatest success and satisfaction in every way. We have not space here to give full details of the many superior points of the Cypher's in comparison with all other Incubators, but we shall be pleased to *mail Catalogue, free, to all applicants.* The large American edition of the Cypher's Incubator Co.'s Catalogue we will mail on receipt of ten cents to pay postage.

Cypher's Incubators are guaranteed by the manufacturers, to require no supplied moisture. To be self-ventilating, and self-regulating. To operate with less oil and at less expense than any other make of Incubator. To have the best, the safest and the most costly built heater attached of any Incubator. To be in all essentials the simplest and easiest to operate and control, requiring less labor and attention than any other style or make of Incubaor. To produce larger and stronger chicks than any other make of Incubator on the market, where it is run with any oher Incubator of a different make, it shall, in three or more hatches, bring out a large average percentage of the fertile eggs, in good, healthy chicks, than does its competitor. In short, if you are in search of the latest patented, most durably built and best practical Incubator manufactured, the Cyphers is that machine.

All leading Poultry raisers use it and the **Poultry Manager of the Central Experimental Farm at Ottawa,** ,tea **says:**

"I have found the Cyphers Incubator gives better results than any other make.

Price List of Cyphers Incubators

No. O—60-Hen Eggs, 48-Duck Eggs..	$15.50
No. 1—120-Hen Eggs, 100-Duck Eggs..	22.50
No. 2—220-Hen Eggs, 190-Duck Eggs..	29.00
No. 3—360-Hen Eggs, 290-Duck Eggs..	37.00

For larger sizes special prices on application.

Cyphers Separate and Sectional Brooders

The Cyphers Company especially prides itself on the three-apartment Out-door Brooder it manufactures. They unhesitatingly guarantee this to be the best brooding device on the market, **for either indoor or outdoor use,** regardless of price, and it will be noted that all of the Cyphers Brooders (the Company manufactures one grade only, but three styles, as listed herewith), are sold at reasonable figures.

Style B—Indoor, 100 chicks.. .. .. $12.50
" A—Outdoor, 100 chicks.. .. .. 14.00

Two Section, all complete, 200 chicks Special
Three " " " 300 " prices on
Four " " " 400 " application.

Poultry Remedies

Cypher's Egg Stimulant—Is a Tonic or Condition Powder for promoting the general health of poultry. pkt. 35c.

Cypher's Perfect Poultry Remedy—Ten vials specific medicines in cloth covered case, $3.50.

Cypher's Lice Killer—(Powder). pkt. 30c.

Conkey's Roup Cure—Small boxes, each 50c.; large $1. It is the only remedy that will positively cure Roup. Use in drinking water. Full directions on every box.

Lee's Liquid Lice Killer—Quart tin 40c.

New Sulphated Carbo Lice Killer—Pound tin, 15c. Easy to apply. Directions on every tin.

Rust's Havens Roup Pills—Box of 48 pills 25c., post-paid 30c.

Pratt's (Purely Vegetable)—Makes larger Fowls, quickens the growth of Chicks, prevents and cures all poultry diseases. A guaranteed Egg producer, and is used by all the leading Poultry men of the Continent. Per pkt. (26 oz.) 30c.; 5 lb. pkt., 75c.; 12 lb., $1.25; 25 lb., $2.50.

Rust's Egg Producer—1 lb box, 25c.; 6 lbs. $1. Hens have got to lay when you feed Rust's Egg Producer. It costs only 20c. a year for each hen to feed it every day. Write for booklet on Poultry and Stock-keeping. Full directions on each box.

Rust's Havens' Climax Condition Powder—13 oz. box, 25c.; 32 oz. box, 50c.; 5 lb. box, $1. Is equally good for all kinds of stock. It cures Fowl Cholera, Diarrhoea, Indigestion, Leg Weakness, Liver Diseases, Rheumatism, etc.

COLONIAL POULTRY FOOD.

Will positively make hens lay, and will keep your poultry in healthy condition. If fed regularly you will have no trouble with disease of any kind, such as Roup, Gapes, Cholera, etc., etc. Price, 15c. per pkt.

Cyphers Poultry Foods

The name of Cyphers is a guarantee of excellence.

Animal Meal—lb. 5c.; per 100 lbs. $4.25.
Blood Meal—lb. 5c.; per 100 lbs. $4.25.
Beef Scraps—lb. 5c.; per 100 lbs. $3.50.
Chick Food—lb. 5c.; per 100 lbs. $3.
Clover—Cut. lb. 4c.; per 100 lbs. $2.25.
Clover Meal—lb. 4c.; per 100 lbs. $2.25.
Charcoal—Granulated. lb. 10c.; 3 lbs. 25c.; 10 lbs. 50c.
Forcing Food—lb. 4c.; per 100 lbs. $2.75.
Laying Food—lb. 4c.; per 100 lbs. $2.75.
Oyster Shells—Ground. Poultry size. lb. 2c.; 100 lbs. bag 80c. 80c.
Oyster Shells—Ground. Pigeon size. lb. 2c.; 100 lbs. bag 90c.
Gait—Silica poultry. lb. 2c.; 100 lbs. bag $1.
Bone—Granulated. 5 lbs. 25c.; 10 lbs. 40c.; 100 lbs. $3.
Mixed Grain for Poultry—From 75c. to $1.50 per 100 lbs.

The Louden Bone Cutter

Improved.

For cutting Green Bones, Gristle and Vegetables for Poultry. Price.. .. ..

Ewing's Improved Calf Meal

Is Especially Adapted for the Rearing of CALVES, LAMBS, FOALS and PIGS.

This meal is composed of ingredients that are so scientifically balanced as to be a perfect substitute for milk, supplying the solids that are to be found in New Milk and the perfect preparation renders it highly digestible even on the delicate stomachs of very young calves. In its chemical properties it is AN EXACT COUNTERPART OF MILK, and, though highly concentrated is yet easily digested, and is rich in oleoginous or fatty matter—in nitrogenous or flesh-forming substances, and also in sugar.

Any one interested in Stock Raising Would do Well to Try this Food.

Printed Instructions Furnished, and all Inquiries Cheerfully Answered.

Put up in 25 lb., 50 lb. and 100 lb. Bags, Per 100 lbs. $4.50.

OIL CAKE MEAL—We have always used the greatest precaution to obtain only the purest and richest Meal in the market, and we are gratified to hear so many expressions of satisfaction from our numerous customers. 100 lbs., $1.50.

Prices by the Car Load or Ton on Application.

COTTON SEED MEAL—We recommend Cotton Seed Meal, being used in conjunction with Oil Cake Meal, in the proportion of 2 lbs. of the former to 3 of the latter. 100 lbs. $1.50.

Prices by the Car Load or Ton on Application.

PURE LINSEED MEAL—Guaranteed pure. It contains nothing but Linseed, ground, and is not mixed with Oil Cake Meal or Cotton Seed Meal, to reduce its price. 100 lbs. $4, 5c. lb.

Common Sense Calf Feeder

By means of this invention young calves feed themselves in the natural manner by sucking from a rubber tube as they would from the cow. The Feeders are attached to pails which are hung up, so cannot be overturned. Better calves can be raised by them feeding slowly, instead of gulping down the milk, and no time is lost holding the pails.

Price, single Feeder.. .. .. $1.75 Price, double Feeder $2.50

"Colonial Stock Food"

THREE FEEDS FOR ONE CENT.

It is the Best, Safest and Cheapest to Use.

How's Your Live Stock?—This is a practical and very important matter to every stockman, or any one owning horses, cattle, sheep or hogs. On the health and vigorous condition of each animal depends the great question whether you are making or losing money with your live stock. If the animal is run down or the digestion becomes weak, then from one-third to one-fifth of the grain eaten is not assimilated, and passes through the animal undigested and worse than wasted. **It is not what an animal eats, but what is thoroughly digested that results in vigorous life and increased flesh.** Many animals with ravenous appetites never gain flesh, or at best very slowly. What is the matter? They eat twice as much as other animals that are gaining rapidly. It is simply a question of impaired digestion and assimilation. Not one animal in ten has proper digestion, and it is a well established fact to intelligent stockmen that fully one-fourth to one-fifth of the grain fed to stock is passed through the system without any benefit to the animal, and at a great loss to the feeder. "COLONIAL STOCK FOOD" was originated by a man who raised stock for years, and it is a perfectly safe food for horses, cattle, sheep and hogs in any condition or any time of life. It is rich in nutrition and has a superior vegetable medication of seeds, roots and herbs. We have combined superior merits with unequalled cheapness. To use "COLONIAL STOCK FOOD" only costs stockmen.

THREE FEEDS FOR ONE CENT.

We positively guarantee that our food will invigorate the stomach, liver and bowels, purify the blood, tone up the entire system, give perfect digestion and assimilation, and very rapid growth

Directions.—We do not guarantee, nor can any intelligent man expect good results, unless you strictly follow our directions. They are plain and easy and remarkable results will be obtained. Our directions are based on results obtained from many years of practical use by thousands of stockmen. Generally, these directions need not be changed, but in some rare cases the best results may be obtained by decreasing or increasing the size of the feed herein given. Stockmen can use their own judgment in these matters. Remember, that "COLONIAL STOCK FOOD" is absolutely harmless for animals in working, growing, fattening, milking or breeding, and the size of feed can be increased with perfect safety.

Full Directions given on each package.

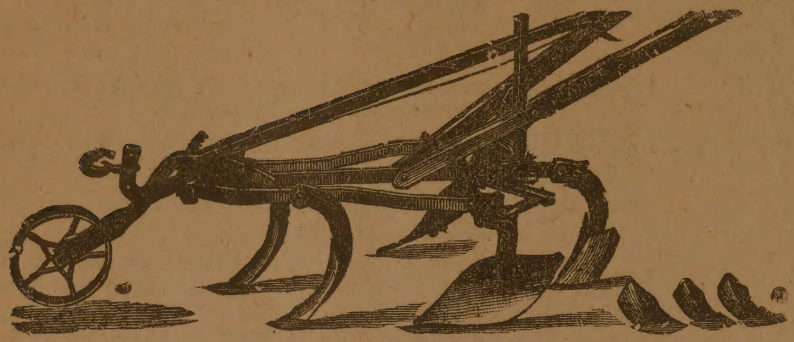
Price, lb. 15c.; 3 lb. pkt. 25c.; 6 lb. pkt. 50c.; 25 lb. pail, $2.25.

Vegetable Plants

ASPARAGUS—2 years old	$1.00	per 100
CABBAGE—In variety	50	"
CAULIFLOWER	1.00	"
CELERY—Transplanted	1.00	"
" Seedlings	75	"
CUCUMBER	25	per pot
MONTREAL NUTMEG MELON	25	"
TOMATO—Large transplanted plants	2.50	per 100
40c. per dozen.		
" Seedlings	1.00	"

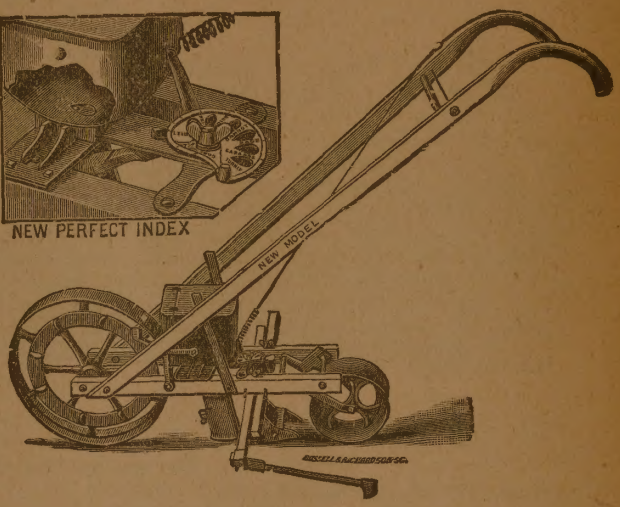
To Farmers

In order to feed cattle economically and to secure the best results, Root crops and Corn must be grown, so we enumerate a few things that we specially recommend, and the Implements to sow and cultivate them, viz. **Giant Yellow Intermediate** and **Mammoth Long Red Mangel** (cut of latter see page 32.) **Clyde Swede, Queen of the Danes f Sugar Beet,** and **Champion White Pearl, Leaming, Clouds Early Yellow Dent Corn.**



Horse Hoe and Cultivator Planet Jr. Price, $10.50.
" "Iron Age." " 8.50

NEW PERFECT INDEX



Model Seed Drill. Price, $8.50.

Bee-Keepers Supplies

The Improved Model Bee-Hive—For the raising of eit her comb or extracted honey, there is no better hive on the market. $2.25 each.

Sections No. 1—50c. per 100. **Smokers**—$1 each.

The St. Lawrence Anchor Fence

The Best and Strongest Fence on the Market

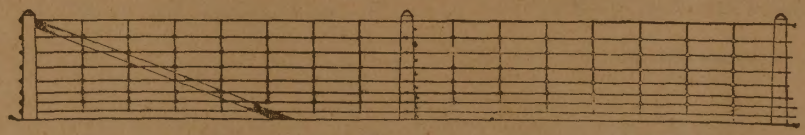
NEW LIFE TO OLD FENCES
LONG LIFE TO NEW ONES

HOW BY USING OUR Anchor Clamps and Uprights

HORSE HIGH—BULL STRONG—PIG and SHEEP TIGHT

The Tie that Binds

CLAMP BEFORE CLOSING

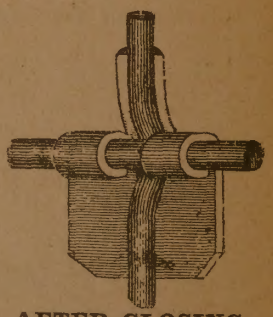


This represents our 8 strand FARM FENCE.

The Anchor Fence has been pronounced by leading fence experts as the strongest fence on the market. It is made with plain galvanized wire and cannot injure any kind of live stock—nor can the live stock injure it or displace any of the wires owing to the use of the Anchor Clamp.

The Anchor Clamp securely fastens the horizontal and cross wires thus consolidating the strength so that the **whole fence** resists an attack on any **part** of it. As the strength of a chain is gauged by the strength of its weakest link, so a fence is only as strong as its weakest part—the Anchor Fence is equally strong throughout, and being constructed wholly of large wires is much stronger than a fence in which small wires are used.

It Never Slips



AFTER CLOSING

See
Our
Gates

ANCHOR ORNAMENTAL FENCE—PATTERN No. "D" x 6 Strands.

This represents only one out of a thousand designs which can be constructed by use of the Anchor Clamp all specially adapted for **Lawns, Gardens, Private Grounds, etc.**

If you ever expect to build or repair another fence, write us and we will send you prices and particulars of all the different styles we manufacture.

Best
GATE
in the
World

Wm. Ewing & Co.

GARDEN & FARM TOOLS.

SPRAY
PUMPS

'Planet Junior'
and
'Iron Age' Implements

Cyphers Incubators
and
Poultry Supplies

Fertilizers

142-146 McGILL ST.

COR. ST. MAURICE & ST. HENRY

MONTREAL.